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MAYOR'S MESSAGE

WITH

Accompanying Documents,

TO THE

MUNICIPAL ASSEMBLY

OF THE

CITY OF ST. LOUIS,

For the Fiscal Year Ending April 12th, 1897.

PRINTED FOR THE MUNICIPAL ASSEMBLY.

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THEO. HEMMELMANN, JR	Tenth	June, 1900
ANTON DEMUTH	Tenth	June, 1900
ARNOLD BECK	Eleventh	June, 1900
WM. GOESSLING	Eleventh	June, 1898
G. A. PAULY	Eleventh	June, 1898
AUG. KLEYKAMP	Eleventh	June, 1900
JOSEPH McDONNELL	Eleventh	June, 1898
JNO. P. HERRMANN, JR	Twelfth	June, 1898
EMIL F. REMMERS	Twelfth	June, 1899
ADOLPH WAGNER	Twelfth	June, 1899
JOSEPH A. SCHULTZ	Twelfth	June, 1898
JAMES ADKINS	Twelfth	June, 1898
MAYOR OF ST. LOUIS		Ex-Officio

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Name.		Term Expires.
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G. A. PAULY	*Vice-President*	July, 1897
GEO. W. FISHBACK	*Secretary*	August, 1899
P. J. WEGMAN	*Assistant Secretary*	August, 1899
ALFRED M. BAKER	*Architect*	August, 1899

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1896–97.

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C. W. WATSON	Speaker pro tem.
GEORGE H. MARTIN	Clerk.
CHARLES GUNDLACH,	Assistant Clerk.
J. W. WHEELER	Sergeant-at-Arms.
ALBERT LIFE	Page.

DIRECTORY OF THE HOUSE OF DELEGATES.

Ward.	NAME.	PLACE OF BUSINESS.	RESIDENCE.
1	JOS. L. SCHULER	305 South Broadway	305 South Broadway.
2	WM. H. JUDY	707 North Fourth st	702 North Fourth st.
3	HENRY WANDER	415 North Third st	1017 South Seventh st.
4	JOHN P. SWEENEY	238 Ashley st	240 Ashley st.
5	ADOLPH MADERA	804 Soulard st	804 Soulard st.
6	OTTO SCHUMACHER	924 North Third st	2517 North Tenth st.
7	J. P. HIRTH	122A South Trudeau st	122A South Trudeau st.
8	EDMUND BERSCH	311 Olive st	2118 John av.
9	EMIL HARTMANN	2857 South Seventh st	2857 South Seventh st.
10	HENRY HENNING	400 South Seventh st	1012 North Sixteenth st.
11	CHAS. A. GUTKE	114 Pine st	3405 Osage st.
12	JOHN HELMS	1102 Montgomery st	1102 Montgomery st.
13	LOUIS DECKER	410 North Twelfth st	7628 Pennsylvania av.
14	JOHN J. BURKE		2019 O'Fallon st.
15	JNO. A. KING	1303 Washington av	1617 Wash st.
16	HENRY L. WEEKE, JR	2601 Cass av	2532½ Howard st.
17	HIRAM LLOYD	Odd Fellows' Building	2612 Locust st.
18	JULIUS LEHMANN.	3819 North Twenty-third st	3817 N. Twenty-third st.
19	JOHN J. WILLMORE	1525 Market st	2118 Clark av.
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22	F. C. PAULEY	3180 Easton av	3180 Easton av.
23	JOHN. H. DEBRODT	2006 South Twelfth st	1206 Allen av.
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25	C. W. WATSON.	Telephone Building	3014 Park av.
26	GEO. F. ROBERTSON	904 Olive st	4420 Cottage av.
27	HENRY B. WITTENBERG	2656 Franklin av	4153 Castleman av.
28	HARRY M. COUDREY	N. W. cor. Third and Pine	West End Hotel.

Regular Meetings, Tuesday and Friday of each week, at 7 P. M.

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1896–97–98.

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E. F. W. MEIER	President.
WM. M. HORTON	Vice-President.
CHAS. R. GRAVES	Secretary.
HENRY E. HAAS	Assistant Secretary.
CHARLES TURNER	Sergeant-at-Arms.

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HENRY GAUS, Jr	Main and Madison	3723 North Ninth st.
PAULUS GAST	919 N. Sixth st	8541 North Broadway.
OLIVER L. HAGAN	Tenth and Pine sts.	3119 Laclede av.
GEO. P. HECKEL	1209 Olive st	3626 Nat'l Bridge rd.
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CHARLES H. THUNER	2122 South Broadway	2122 S. Broadway.
FRED G. UTHOFF	608 Chestnut st	3415 S. Grand av.
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E. F. W. MEIER, President	511 North Main st.	2649 Miami st.

Regular Meetings, Tuesday and Friday of each week, at 5 p. m.

MAYOR'S MESSAGE.

MAYOR'S MESSAGE.

Executive Department, Mayor's Office,
St. Louis, February 8th, 1898.

Honorable Municipal Assembly:

Gentlemen — I have the honor to submit this, my first message, accompanied by the reports of the heads of the various departments for the fiscal year 1896–1897.

I extend to you my sincere thanks for your hearty co-operation in furthering the various public measures I have recommended, and trust that such harmonious relations may continue between the legislative and executive branches of our government, for in this way alone can the public welfare be protected and promoted.

I take special pride in the fact that on the 11th of April next, all the departments of the City will be moved into the New City Hall, where our valuable documents will be safe and which our citizens can point out to strangers as the one municipal home which has been built economically, substantially, honestly and without the issuance of a single bond or the increase of the city indebtedness, but which has been fully paid for out of savings from municipal revenue.

In spite of the financial depression the bonded indebtedness has been decreased $295,433.25, leaving only a debt of $20,252,278.30.

Public improvements have progressed as rapidly as could be expected under existing laws. Good streets and adequate sewers are essential. They enhance the value of property and conserve the health of the people. Private enterprise is always in advance of public improvement. This is particularly true under our constitutional and charter restrictions. This generation is practicing the most rigid economy to pay the debts bequeathed to us by our predecessors. We will leave the City government to the next generation free from debt, with vast resources and almost unlimited credit. We owe it to ourselves to better our present conditions. It can only be done by amending our charter, so as to extend the benefit district for street improvements and by permitting special tax bills to be paid in installments, distributed over a period of years. This will make it possible to improve cross streets without, as now, imposing a burden upon the owners of the corner lots which amounts almost to confiscation, and the installment plan of payment will make the tax so easy to meet that it will disarm if not remove all opposition. Your honorable body cannot serve the public interests better than by formulating charter amendments and submitting them, at an early day, to the people, whose good sense, pride and patriotism will, I am convinced, cause their adoption. Do this and our city will soon be the best paved and cleanest city in the world, thereby enhancing the value of all property, attracting capital and benefiting all classes of our people from the richest to the poorest.

Our eleemosynary institutions are overcrowded and not suitable to the times. They need modernizing and enlarging. Your passage of the ordinance authorizing legal proceedings looking to the sale of the Mullanphy property and the investment of the proceeds in some other charitable use, is a step in the right direction, and I believe will shortly result in making it possible to use that fund in building a "Bryan Mullanphy City Hospital," worthy of the great name of the donor, and of our great metropolis, and in this way solving the most difficult problem of our charitable institutions.

The administrative departments have been wisely, honestly and economically administered.

The people of St. Louis have given to us the power, and with it the responsibility, of managing their public affairs. I will promptly, earnestly and with all the means at my command approve and promote every measure your wisdom may adopt, looking to the improvement, betterment and beautifying of our city.

I pledge you that I will faithfully keep the promises I made to the people, and upon the faith of which they honored me with their suffrages.

Respectfully,
HENRY ZIEGENHEIN,
Mayor.

CITY FINANCES.

REPORT

OF THE

COMPTROLLER

OF THE

CITY OF ST. LOUIS,

FOR FISCAL YEAR 1896-97.

SUBMITTED TO THE MUNICIPAL ASSEMBLY.

PRESS OF
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ST. LOUIS.

TABLE OF CONTENTS.

FIRST.—REPORT OF COMPTROLLER.

SECOND.—DETAILED STATEMENTS.

Financial Transactions of Fiscal Year 1896-97.
  - Statement "A"—Revenue Funds.
  - Statement "B"—Special Funds and Accounts.
  - Statement "C"—Transactions Through the Treasury.

Estimates for Fiscal Year 1897-98.
  - Statement "D"—Revenue Funds.

THIRD.—LIABILITIES.

Bonded Debt.

CITY FINANCES.

REPORT OF THE COMPTROLLER

OF THE

CITY OF ST. LOUIS,

FOR FISCAL YEAR 1896-97.

SUBMITTED TO THE MUNICIPAL ASSEMBLY.

COMPTROLLER'S OFFICE,
ST. LOUIS, July 10, 1897.

To the Municipal Assembly of the City of St. Louis:

GENTLEMEN—In compliance with Section 48, Article IV., of the Charter, I submit herewith my annual report on the financial transactions and condition of the City, and estimates of the resources and appropriations required for the ensuing fiscal year:

FINANCIAL TRANSACTIONS LAST FISCAL YEAR.

RECEIPTS.

Current Taxes, 1895	$4,005,609 09	
Delinquent Taxes	488,648 54	$4,494,257 63
Licenses—		
Commission Merchants	$ 12,431 34	
Dog	4,323 67	
Dramshops	947,293 35	
Insurance Companies	17,303 25	
Manufacturers	112,281 32	
Merchants	148,008 56	
Peddlers and Hawkers	8,876 29	
Street Railroads (on cars)	18,311 25	
Vehicles	24,667 45	
All other avocations	31,773 86	1,325,270 34

Water Rates			$ 1,335,635 20
Wharfage and Wharf Rents			64,535 31
Miscellaneous Revenue and Incidental Collections—			
Boiler and Elevator Inspections		$ 13,202 00	
Building Permits		5,591 00	
Collections on Street Railroad and other Franchises		118,720 63	
Fines, Fees and Surplus Commissions		105,677 70	
Interest on Current Deposits		69,127 84	
Market Rents		28,609 04	
Recorder of Deeds—Fees		45,867 90	
Rents		3,761 39	
Scales—City's and Private		11,176 45	
State's portion of cost of Assessing the Revenue		37,468 56	
State's appropriation for support of Insane		20,000 00	
State's appropriation for rent, etc., Court of Appeals		3,483 25	
Weights and Measures Inspections		10,117 30	
Other Miscellaneous Revenue and Incidental Collections		27,020 14	
Total Revenue Collections			499,823 20
Proceeds Sales of Real Estate			1,104 99
Special Funds—			
Opening Streets—Benefits		$ 167,364 35	
Boulevards—Maintaining—Special Taxes		845 61	
Changing Street Grades—Benefits		290 00	
Street Sprinkling—Special Taxes		98,253 36	
Contract and Other Deposits		615,024 03	
Public Library—Special Fund		64,663 32	
State University Scholarship Fund		2,608 65	
University Scholarship (Income Account)		96 72	
Other Special Fund Collections		44,729 46	993,875 50
Total Receipts			$ 8,714,502 17
Balance in Treasury, April 9, 1895			2,463,075 08
			$ 11,177,577 25

DISBURSEMENTS.

Warrants drawn against the Treasury—			
Redemption of bonds matured during fiscal year			$ 322,518 41
Remittances on Account of Interest on the bonded debt			889,331 40
General Expenses—			
Courts and expenses incident thereto		$ 351,614 04	
Coroner and Morgue		22,276 32	
Board of Engineers and Boiler Inspector, and Inspector of Weights and Measures		19,336 79	
Recorder of Deeds		46,210 08	
Fire Department and Fire Alarm Telegraph		736,211 18	
Harbor and Wharf—Salaries, Expenses and Repairs		58,561 29	
Health Department — Board of Health and Sanitary Measures	$ 248,811 32		
Eleemosynary Institutions	474,231 46	723,042 78	

House of Refuge, Jail and Work House		$ 134,931 84	
Lighting City		280,124 50	
Lighting Public Buildings		55,954 05	
Police		977,940 04	
Public Buildings—City Hall, New City Hall, Court House and Four Courts Building	$ 59,447 25		
New City Hall	171,872 37	231,319 62	
Repairs of Public Buildings		13,314 29	
Public Improvements—Salaries, Expenses and Repairs—			
President's Department	$ 64,155 28		
Numbering Houses	2,472 95		
Parks	142,099 80		
Sewers	90,651 75		
Streets	683,002 83	982,382 61	
Water Works — Operating Expenses and Collection of the Revenue		503,366 49	
Departments not classified above — Assessments of Revenue, Commissioner of Public Buildings, Commissioner of Supplies, Milk Inspection, Municipal Assembly, Plumbing Inspection Department, and Salaries of Mayor, Comptroller, Auditor, Register and Treasurer, and Employes		229,646 21	
Miscellaneous Expenses		231,458 56	$5,597,690 69
Payments on account of New Public Works—			
Sewers		$ 48,454 10	
Sewer Surveys—Printing Maps		4,737 60	
Street Bridges and Culverts		9,314 84	
Street Improvements		61,576 51	
Street Reconstruction		2,485 38	
Water Works—Water Pipe		272,151 92	
Extension		405,868 63	
Wharf Construction		12,747 34	817,335 72
Special Funds—			
Contract and Other Deposits		$ 553,012 98	
Opening Street—Damages		188,928 41	
Public Library—Special Fund		70,927 84	
State University Scholarship Fund		3,624 35	
University Scholarship Income Account		51 45	
Sprinkling Streets		102,494 09	
Other Special Funds		35,457 38	954,496 50
			$ 8,581,372 72
Warrants on hand April 14, 1896, less Warrants Cancelled			116,375 19
			$ 8,697,747 91
Warrants on hand April 12, 1897			222,251 76
Total Disbursements out of the Treasury			$ 8,475,496 15
Total Receipts (including balance April 14, 1896)			$11,177,577 25
Total Disbursements			8,475,496 15
Balance in Treasury April 12, 1897			$ 2,702,081 10

CONDITION OF THE TREASURY.

The balance in the Treasury at the close of the fiscal year, April 12, 1897, was, as shown above, $2,702,081.10. Adding to this the amounts due from special funds, and the amount advanced on account of redemption of bonds, aggregating $338,776.64, makes the total resources of the Treasury at the close of the fiscal year, $3,040,857.74.

Against the Treasury there were chargeable the balances standing to the credit of special funds and accounts, aggregating $2,290,333.95. Deducting this amount from the resources of the Treasury, as stated above, there remains at the end of the year an unappropriated surplus of $750,523.79 belonging to the respective revenue funds as stated below.

REVENUE AND APPROPRIATIONS.

The resources of the revenue funds (income and unappropriated balances, April 14, 1896), were as follows:

Interest and Public Debt Revenue	$ 1,563,570 29
Municipal Revenue	5,082,252 81
Water Works Revenue	1,689,333 54
Harbor Fund	119,682 97
	$ 8,454,839 61

The appropriations and transfers from the revenue funds during the fiscal year were as follows:

From Interest and Public Debt Revenue—		
For Interest on the Bonded Debt (remittances)	$ 889,331 40	
For Sinking Fund, being amount applicable for reducing the Bonded Debt	310,668 60	
For Miscellaneous Expenses chargeable to Interest and Public Debt Revenue	2,578 53	$1,202,578 53
From Municipal Revenue—		
For General Municipal Expenses	$ 4,774,555 57	
For New Public Work (streets, sewers, bridges and parks)	79,186 03	
For Construction of Engine Houses and Purchase of Lots	10,300 00	
For Reconstruction of Engine House No. 7	10,000 00	
For Fund for Erection of Hospital Buildings	48,931 90	

For Improvements, Alterations and Repairs of Buildings used for Hospital, Insane Asylum and Poor House Purposes	$ 8,846 44	
For Repairs of Public Buildings	14,406 93	
For Improvement of Markets	5,000 00	
For Judgments	9,391 33	
For Parks	222 47	
For Erection of Public Drinking Fountains	350 00	
For Firemen's Pension Fund	6,838 78	
For Retained Percentages on Contracts	19,147 78	
For Relief Ordinances	1,456 74	
For Special Attorney's Fees	3,500 00	
For Special Taxes against City Property	80 85	
For Street Signs	3,500 00	
For Street Sprinkling—Special Fund	380 56	
For transfer to other Revenue and Special Funds.	19,062 90	$5,015,158 28
From Water Works Revenue—		
For Operating Expenses and Collection of the Revenue	$ 503,366 49	
For Water Pipe and laying	375,788 97	
For Water Works Extension—New Work	483,791 25	
For Water Works Extension—Salaries and Expenses	43,318 48	
For transfers to Municipal Revenue	742 53	1,407,007 72
From Harbor Fund—		
For General Expenses	$ 58,561 29	
For Wharf Construction	21,000 00	
For transfer to Water Works Revenue	10 00	79,571 29
		$7,704,315 82
Total Resources of Revenue Funds		$8,454,839 61
Total appropriations and transfers		7,704,315 82
Unappropriated balances belonging to the respective revenue funds, as follows:		
Interest and Public Debt Revenue	$ 360,991 76	
Municipal Revenue	67,094 53	
Water Works Revenue	282,325 82	
Harbor Fund	40,111 68	$ 750,523 79

BONDED DEBT.

During the last fiscal year the bonded debt of the City was reduced $295,433.25 by the payment through the Sinking Fund of 4 per cent option bonds issued May 3, 1882, $203,000, and July 2, 1883, $90,000, and the purchase of £500 or $2,433.25 of 4 per cent sterling bonds issued November 2, 1891.

The bonded debt outstanding at the close of the fiscal year, amounted to $20,352,278.30. The outstanding debt is composed of

$6,111,000 bonds of the late County of St. Louis, $5,808,000 bonds issued for Water Works purposes, and $8,435,278.30 of City bonds.

During the current fiscal year no bonds will mature.

The annual interest charges on the debt outstanding April 12, 1897, amount to $879,119.28, or an average rate of 4.319 per cent.

The City has no floating debt.

SINKING FUND.

The balance to the credit of the Sinking Fund April 14, 1896, amounted to $84,598.17; the revenue of the fund during the year amounted to $310,668.60, aggregating $395,266.77 as the total resources of the fund for the year 1896-97. Of this amount the sum of $293,000 was expended in the payment of 4 per cent option bonds, and the sum of $2,518.41 was expended in the purchase of £500 or $2,433.25, 4 per cent sterling bonds, due November 2, 1911, at 103½. The balance to the credit of the fund April 12, 1897, amounted to $99,748.36.

The resources of the fund available for reduction of the city debt during the current fiscal year are estimated at about $420,000. As no bonds mature during the current fiscal year, the ten-twenty-year 4 per cent option bonds, dated February 2, 1885, will be called in for redemption on February 2, 1898. The redemption of these bonds will require $200,000 more than the estimated resources of the fund during the year; but this amount can be carried by the Treasury until the revenue of the Sinking Fund for the year 1898-'99 becomes available.

TAXATION.

The assessed valuation of property for the taxes of 1897 amounts to $339,088,780, a decrease of $1,798,870 from that of the preceding year.

The falling off in the assessed valuation of property is due to the damage caused by the tornado of May 27, 1896, otherwise there would have been an increase of about $8,000,000.

The rates of taxation for City purposes, for the year 1897, remain the same as for the preceding year, viz.:

	Old Limits.	New Limits, subject to increased rate.	New Limits.
For payment of debt and interest	40c	40c	40c
For general municipal purposes	98c	98c	60c
Total	$1.38	$1.38	$1.00

ESTIMATES FOR THE CURRENT FISCAL YEAR.

The estimates for the current fiscal year will be found in Statement "D."

The estimated resources of Interest and Public Debt Revenue, Water Works Revenue, and Harbor are sufficient to meet the appropriations required during the year. But, as stated in substance in my two last reports, the growing demands of the City, which must be met out of Municipal Revenue, grow more rapidly than the income for general municipal purposes. The abolition of the license tax on meatshops, which I do not criticise, the reduction of tax on vehicles, hawkers, real estate and financial agents, has, to a certain extent, reduced our revenue, and the destruction of property in the southern part of the City by the tornado lessened our taxable values some $2,000,000 instead of the usual annual increase of from $10,000,000 to $15,000,000.

This lessening of the revenue, whilst additional expenses are becoming necessary by reason of the growth of the City, prevents provision being made for many objects of pressing need that otherwise would be gladly made.

The annual appropriations of the City are always based upon the estimated revenues of the City for the fiscal year; they cannot exceed this estimate. It is always, as it should be, a conservative estimate. When appropriations are made by the Municipal Assembly for the various departments, the head of every office or department should understand that they must keep the expenses of their office or department within the limits of the appropriation made for them.

You are familiar with the provisions of our State Constitution and our City Charter requiring that the appropriations shall not exceed in any one year the revenues of that year, and also the obligation imposed upon the Comptroller by the Charter and ordinances of the City, specially charging him with the "preservation of the credit and faith of the City in relation to the public debt and other liabilities," but I deem it proper for general information that I incorporate them in this report:

ARTICLE IV., Section 20, of the Charter, and Chapter VI., Section 76, page 453, of Revised Ordinances provide among other duties imposed upon the Comptroller that,

"he is especially charged with the preservation of the credit and faith of the City in relation to the public debt and other liabilities."

ARTICLE V., Section 9, of the City Charter, reads as follows:

"The appropriations of the Municipal Assembly for the payment of interest, for the payment of the public debt, for public improvements, and for the support of the city government during any one fiscal year, *shall be in conformity with the requirements of the Constitution of the State.*"

State Constitution, Article X., Section 12, reads as follows:

"No county, city, town, township, school district, or other political corporation or subdivision of the State *shall be allowed to become indebted in any manner or for any purpose to an amount exceeding in any year the income and revenue provided for such year.*"

The scrupulous and faithful observance of the foregoing laws by the Municipal Assembly, which is well known to investors in our bonds, has had much to do in placing the credit of St. Louis second to no other city in the country, and our citizens feel a just pride in the high credit their city maintains in the financial world.

I think there is a reasonable prospect that we may be able to dispose of the old City Hall property this fall or early next spring. If we can do this it will give great relief in many directions, especially in completing and furnishing the new City Hall. The upward tendency of values in real estate in the immediate vicinity of the old City Hall is constantly increasing, and I know of no more desirable property in St. Louis for investment, and the fact that the Recorder of Deeds and all other city officers are soon to be in the new City Hall, which is in such close proximity to this property must render it most desirable to investors in real estate. It would be a grand location for some large corporation. The rooms on the upper stories of a grand building on the old City Hall site would readily rent at good prices to real estate agents and lawyers, and for offices for various occupations. I think when it becomes generally known that this property is really in the market we shall soon find a purchaser at a satisfactory price.

During the fiscal year the City has had to pay to the State for the support of boys committed to the Reform School at Boonville, the sum of $6,970.94. Considering the ratio of increase, quarterly (from $709.00 to $2,090.30), the amount will probably reach $15,000.00 for the ensuing year. To my mind, this is an unjust requirement, and the City should be relieved of this expense. Under the general law, all costs and expenses attending the trial, conviction and maintenance of felons, are paid by the State. Misdemeanor cases are properly a charge against the county or city. Under the Act of 1895, the law was changed so that the county or city should pay for the support of boys under eighteen years of age convicted of felony. This is unjust. Seeing the burden thus entailed upon the City, with the hearty co-operation of City Auditor Brown, I made an earnest effort to have this law amended by the last Legislature. Senator Mott introduced the bill and secured its early passage in the Senate, but it failed to pass the House. I still hope to see the law amended by the next Legislature to relieve the cities and counties of the State of this burden. Every county is equally interested in proportion to the revenues paid for State purposes. The Reform School is simply a branch of the penitentiary, and its maintenance, so far as felons are concerned, should be provided for out of the general fund.

The State is not making adequate appropriations for the maintenance of our Insane Asylum. Each year it is a struggle on the part of our representatives in the Legislature to get any appropriation at all, and every year the amount allowed is being cut down. I have thought that a just, equitable and fair solution of this question would be to have the Legislature pass an act directing that the Governor of the State and the Mayor of the City each appoint one person, and these two persons to select a third person, and the persons so selected to make a just appraisement of the property used by the City for insane asylum purposes; the finding of any two of said appraisers to be binding on the State and City. The State should then be required to pay the City the price at which said property was appraised, and that thereafter the City shall be placed precisely on the same footing as the State asylums for the insane now located at Fulton, St. Joseph and Nevada. If the Assembly concurs in the suggestion, I recommend that it provide by ordinance for the appointment of a special commission to attend the next session of our State Legislature, and strive to bring about the passage of this most just measure.

The street sprinkling law has proved most beneficial and economical to the people. All cheerfully acquiesce in the small tax which, at much less expense than under the old system, takes care of the dust question. It may be wise to place street repairing and street cleaning on the same basis. It would cost each property owner very little, the work would be better done, and it would give the City quite a sum for general purposes.

All of which is most respectfully submitted.

ISAAC H. STURGEON,

Comptroller.

DETAILED STATEMENT.

FINANCIAL TRANSACTIONS FOR THE FISCAL YEAR

1896–1897.

STATEMENT "A"—REVENUE FUNDS.

Resources of, and Appropriations from Revenue Funds during the Fiscal Year from April 14th, 1896, to April 12th, 1897.

FIRST.

INTEREST AND PUBLIC DEBT REVENUE.

RESOURCES—			
Unappropriated balance to credit April 14th, 1896			$ 193,514 47
Receipts into the Treasury—			
Taxes: For the year 1896	$1,158,385 25		
Delinquent of prior years	142,525 13	$1,300,910 38	
Miscellaneous—			
Interest on Current Deposits	$ 69,127 84		
Overpayment returned	17 60	69,145 44	
Total receipts into Treasury			1,370,055 82
Total resources			$1,563,570 29
APPROPRIATIONS—			
For warrants drawn against the City Treasury on account of the following, to-wit—			
Remittances on account of interest		$ 889,331 40	
Expenses in connection with bonded debt—			
Commissions and expenses in payment of bonds and interest	$ 1,595 21		
Advertising redemption of bonds and other miscellaneous expenses	983 32	2.578 53	$ 891,909 93
For sinking fund purposes, as required by Art. XIV. of the Charter			310,668 60
			$1,202,578 53
Total resources, as above			$1,563,570 29
Total appropriations from, as above			1,202,578 53
Unappropriated balance to credit, April 12th, 1897			$ 360,991 76

STATEMENT "A"—CONTINUED.

SECOND.

MUNICIPAL REVENUE.

RESOURCES—			
Unappropriated balance to credit, April 14th, 1896			$ 94,974 55
Receipts into the Treasury—			
Taxes: For the year 1896	$2,829,255 17		
Delinquents for prior years	346,123 41		
Tax on Foreign Insurance Companies for 1896	17,968 67	$3,193,347 25	
Licenses—			
Commission Merchants	$ 12,431 34		
Dogs	4,323 67		
Dramshops	947,293 35		
Insurance Companies and Agents	17,303 25		
Manufacturers	112,281 32		
Merchants	148,008 56		
Peddlers and Hawkers	8,876 29		
Street Railroads, Tax on Cars	18,311 25		
Vehicles	24,667 45		
Auctioneers	2,776 50		
Banks, Brokers and Financial Agents	5,281 12		
Billiards and Ten Pin Alleys	501 60		
Bill Posters	28 80		
Boarding Houses	1,215 69		
Engravers	77 70		
Flying Horses	136 20		
Fortune Tellers and Clairvoyants	578 25		
Garbage Removers	211 20		
Intelligence Offices	242 25		
Junk Shops	1,340 95		
Lumber Measurers	29 25		
Mercantile Agencies	676 50		
Merchandise Brokers	3,870 75		
Ordinaries	2,181 12		
Pawnbrokers	3,870 00		
Photographers	453 75		
Railroad Ticket Brokers	1,018 50		
Real Estate Agents	4,546 50		
Runners	321 01		
Shooting Galleries	24 09		
Stock Yards	146 25		
Theaters and Exhibitions	1,807 50		
Vault Cleaners	390 00		
Weighers	48 38	1,325,270 34	

STATEMENT "A"—CONTINUED.

Miscellaneous—		
Boiler and Elevator Inspections		$ 13,202 00
Building Permits		5,591 00
Collections on Franchises—		
St. Louis R. R. Co., Ord. 11,477	$ 5,000 00	
Citizens' Ry. Co., Ord. 11,529	10,000 00	
St. Louis San Francisco R. R. Co., Ord. 11,725	15,000 00	
St. Louis Transfer Ry. Co., Ord. 12,975	1,000 00	
Merchants' Bridge Terminal Ry. Co., Ord. 14,078	10,000 00	
Southern Ry. Co., Ord. 14,089	11,000 00	
Missouri R. R. Co., Ord. 14,483	3,000 00	
St. Louis, Oak Hill & Carondelet Ry. Co., Ord. 14,739	500 00	
Lindell Ry. Co., Ord. 15,445	1,000 00	
St. Louis & Suburban Ry. Co., Ord. 15,547	1,000 00	
Forest Park, Laclede & Fourth St. Ry. Co., Ord. 15,601	3,500 00	
Vandeventer Ry. Co., Ord. 15,606	1,000 00	
Cass Ave. & Fair Grounds Ry. Co., Ord. 16,639	9,522 90	
Compton Heights, Union Depot & Merchants' Terml. Ry. Co., Ord. 17,001	2,000 00	
Union Depot R. R. Co., Ord. 17,021	1,000 00	
Grand Ave. Ry. Co., Ord. 17,047	1,000 00	
Southwestern Ry. Co., Ord. 17,185	1,000 00	
Jefferson Ave. Ry. Co., Ord. 18,047	1,794 47	
St. Louis & Meramec River R. R. Co., Ord. 18,231	1,000 00	
Telephone Companies	21,021 74	
Electric Light Companies	8,059 71	
Edison Illuminating Co. and Mo. E. L. and Power Co., Ord. 18,680	10,000 00	
St. Louis Automatic Refrigerating Co., Ord. 15,800	321 81	118,720 63

STATEMENT "A"—CONTINUED.

Fines, Fees and Commissions—		
Collector (Surplus Commissions)	$ 302 12	
Clerk Circuit Court (Surplus Fees)	36 88	
Clerk Court Criminal Correction (Surplus Fees)	3,239 50	
Fees, Justices of Peace Courts	60,458 04	
Fines and Fees, other sources	41,641 16	$ 105,677 70
Markets- Union	$ 28,297 25	
Soulard	265 35	
Carondelet	46 44	28,609 04
Recorder of Deeds		45,867 90
Rents		3,761 39
Scales—City	$ 4,842 05	
Private	6,334 40	11,176 45
State's portion cost of assessing the Revenue		37,468 56
State's appropriation for support of Insane		20,000 00
State's appropriation for rent, etc., Court of Appeals		3,483 25
Weights and Measures Inspections		10,117 30
Board of Health—		
Permits	$ 901 00	
Board of Patients at Institutions	7,917 25	
Effects of deceased Patients	237 82	9,056 07
Collector of the Revenue—For heat, light, services of janitor, etc., furnished him during fiscal year 1895–96		1,974 50
House of Refuge—Labor in Chair Shop		77 81
Work House—Sale of rip-rap		48 00
Redemption of lands sold for non-payment of benefits in matter of opening streets and alleys		3 46
Redemption of Old Sewer Special Tax Bills		140 61
Abstract Fee for Tax Books furnished State Auditor		516 76
Board Police Commissioners—		
Rents	$ 506 65	
Sale of condemned horses	227 00	733 65
Fees for certified copies of Ordinances and Records, by Register		92 25
Insurance—Return premium on policies cancelled		1,187 71
Interest on Street Opening Special Tax Bills and cost of suits		1,316 67
Interest on Real Estate Notes		22 46
Overpayments returned		464 90
Parks—Sales of grass, wood, boat hire, etc		1,001 98
Sales of condemned and useless property		4,656 36
Sales of Revised Ordinances		40 00

STATEMENT "A"—Continued.

Streets—			
Costs of Opening, contributed by property owners	$ 653 00		
Sales of property in line of streets opened	500 00		
Sale of Sturgeon Market in line of North Market street	15 00		
Payments under Ordinances vacating streets	1,269 35	$ 2,437 35	
Total receipts on account of Municipal Revenue			$4,946,063 35
Transfers—			
From Water Works Revenue, for expenses pertaining to Water Works paid out of appropriation from Municipal Revenue		$ 742 53	
From Boulevards—Special Fund—			
For amount of interest on Boulevard Special Tax Bill		43 70	
From Street Sprinkling—Special Fund—			
For amount differences of special taxes assessed and cost of work	$ 823 82		
For amount of interest on Street Sprinkling Special Tax Bill	2,723 64	3,547 46	
From Contracts and other Deposits—			
For expenses for which the deposits were made, paid out of Municipal Revenue	$ 8,166 40		
Forfeited Deposits	950 00		
Charges for Plumbing Inspections	10,702 00	19,818 40	
From cancellation of Pay Rolls pursuant to Ord. No. 18,379—			
Pay Roll Account—Special Fund		91 54	
From Poor House Bakery—Amount collected for bread delivered to City Institutions in excess of cost		6,022 92	
From Poor House Dairy—Amount collected for milk delivered to City Institutions in excess of cost		231 93	
From Proceeds Sales of Real Estate		1,104 99	
From Witness and other Fees—Special Fund—			
Unclaimed Fees remaining in the Treasury over one year		4,018 94	
From Court House—Removing Stone Coping, Ord. 18,006		1,569 00	
From City Hospital—Sundry Special Accounts		2,734 87	
From House of Refuge—Construction Water Closet		936 50	
From Benton Park—Erection of Music Stand		173 73	

STATEMENT "A"—Continued.

From Hyde Park—Erection of Music Stand......		$ 114 38	
From Police—Erection of Station Houses and Purchase of Lots............		11 00	
From Water Pipe—Laying (Special Accounts) —For expenses on account of, paid out of appropriation made from Municipal Revenue for Street Repairs—Reconstructed Streets.....		53 02	
Total Transfers..			$ 41,214 91
Total Resources of Municipal Revenue....................			$5,082,252 81
Appropriations:			
For General Expenses:			
(For warrants drawn against the Treasury out of appropriations for general purposes, viz.:—)			
Courts and Expenses incident thereto—			
Costs and Legal Expenses payable from Municipal Revenue.........	$ 40,429 15		
Courts....................................	208,777 06		
Jury Commissioner	9,380 93		
Jury and Witness Fees...............	57,613 00		
Law Department........................	13,869 91		
Marshal's Office..........................	21,543 99	$ 351,614 04	
Coroner and Morgue—			
Coroner	$ 17,349 97		
Morgue.....................................	4,926 35	22,276 32	
Departments where the fees of the office pay the expenses—			
Board of Engineers and Boiler Inspector	$ 11,583 42		
Inspector of Weights and Measures	7,753 37		
Recorder of Deeds	46,210 08	65,546 87	
Fire Department and Fire Alarm Telegraph—			
Fire Alarm Telegraph.................	$ 79,550 18		
Fire Department........................	643,618 85	723,169 03	
Health Department—			
Board of Health and Commissioner	$ 84,372 02		
City Dispensary	46,728 78		
City Hospital.............................	129,274 27		
Female Hospital	49,359 71		
Insane Asylum	90,470 23		
Poor House...............................	122,807 58		
Quarantine and Small Pox Hospitals	10,483 42		
Reduction of Garbage	65,689 48		
Removal of Garbage....................	98,749 82	697,935 31	

STATEMENT "A"—Continued.

House of Refuge, Jail and Work-House—		
House of Refuge	$ 47,652 68	
Jail	28,933 16	
Work House	57,579 37	$ 134,165 21
Lighting the City—		
Electric Light	$ 236,631 74	
Gas Light	38,875 37	
Gasoline Lamps—Maintaining	4,617 39	280,124 50
Lighting Public Buildings		55,954 05
Police—		
Salaries of Chief, Captains, Sergeants, Patrolmen and Detectives	$ 827,426 19	
All other Salaries and Current Expenses	142,774 85	970,201 04
Public Buildings—		
City Hall—Salaries and Current Expenses	$ 12,219 70	
City Hall—Repairs and Alterations	1,914 29	
New City Hall — Salaries and Current Expenses	6,849 79	
New City Hall — Repairs and Alterations	175 01	
New City Hall, Court House and Four Courts — Alterations of Rooms for Additional Court Rooms, furnishing Court Rooms and Offices in New City Hall	6,914 93	
Court House—Salaries and Current Expenses	9,983 35	
Court House—Repairs and Alterations	3,074 31	
Four Courts Building — Salaries and Current Expenses	12,952 78	
Four Courts Building — Repairs and Alterations	2,968 59	57,052 75
Public Improvements — Salaries, Expenses and Repairs—		
Board of Public Improvements — President's Department		64,155 28
Fund for Numbering Houses		2,472 95

STATEMENT "A"—Continued.

Parks—		
Park Commissioner	$ 8,199 50	
Concerts in the Public Parks	5,993 84	
Benton Park	3,794 79	
Carondelet Park—New Limits	5,652 05	
Carr Square	1,170 82	
Forest Park	45,118 14	
Fountain Park	544 25	
Gamble Place	639 80	
Gravois Park	1,092 97	
Hyde Park	2,999 49	
Jackson Place	665 76	
Kenrick Garden	14 00	
Laclede Park	923 25	
Lyon Park	1,709 21	
O'Fallon Park	7,898 57	
St. Louis Place	4,062 58	
South St. Louis Square	771 46	
Washington Square	674 40	
Lafayette Park	18,027 53	
Tower Grove Park	25,000 00	$ 134,952 41
Sewers—Salaries, Current Expenses and Repairs.		90,651 75
Streets—		
Street Commissioner's Department	$ 73,972 12	
Street Bridges and Culverts—		
Miscellaneous Expenses and Repairs	28,360 10	
Street Cleaning—Floating Dumps	10,648 69	
Street Cleaning—Labor and Carts	142,346 99	
Street Cleaning—Stone and Wood Block and Asphaltum Pavements	73,424 32	
Street Cleaning—Block System	24,815 75	
Street Grades and Surveys	11,692 98	
Street Repairs—Macadam and other Material	102,761 04	
Street Repairs—Miscellaneous Expenses	118,020 70	
Street Repairs — Reconstructed Streets	39,622 97	
Street Repairs—Salaries	26,365 56	
Streets—Special Service	2,999 88	
Street Sprinkling under Ordinance 14,911	1,958 00	
Opening Streets—Expenses	14,991 58	671,980 68

(Total for Public Improvements—Salaries, Expenses and Repairs, $964,213.07.)

STATEMENT "A"—Continued.

Departments not classified above—			
Assessment of Revenue	$ 73,059 86		
Commissioner of Public Buildings	20,203 15		
Commissioner of Supplies	11,803 35		
Milk Inspector	3,045 85		
Municipal Assembly	34,900 80		
Plumbing Inspection Department	13,159 26		
Salaries of Mayor, Comptroller, Auditor, Register and Treasurer	73,473 94	$ 229,646 21	
Miscellaneous Expenses—			
Catching and Killing Dogs	$ 4,999 50		
Contingent Fund	25,840 14		
Election and Registration	119,328 23		
Insurance	10,786 75		
Judgments payable from Municipal Revenue	3,895 77		
Making Back Tax Books and Bills	3,676 66		
Markets	7,821 73		
Mayor's Contingent Fund	11,000 00		
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	762 62		
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	14,856 05		
Real Estate Account	3,963 04		
Scales	5,131 99		
Scavenger Dumps—Salaries and Current Expenses	6,848 92		
Scavenger Dumps—Construction and Repairs	1,245 77		
Special Attorney's Fees	2,500 00	222,657 17	
Appropriations (warrants drawn) for general purposes			$4,774,555 57

(For Improvements and Special Purposes, viz.:)

New Public Work:

Sewer Construction—New Work	$ 39,912 59	
Streets—Bridges and Culverts—New Work	3,814 84	
Improvements	31,904 52	
Reconstruction	2,610 38	$ 78,242 33

Special Purposes:

Opening Streets—Special Fund—For amounts assessed against the City as benefits to the public generally	$ 943 70	
Firemen's Pension Fund	6,838 78	
Retained Percentages on Contracts	19,147 78	

STATEMENT "A"—Continued.

Construction of Engine Houses and Purchase of Lots		$ 10,300 00	
Reconstruction Engine House No. 7		10,000 00	
Fund for Erection of Hospital Buildings, Ordinance 18,411		48,931 90	
Improvements, Alterations and Repairs of Hospitals, Insane Asylums and Poor House—			
Female Hospital	$ 897 50		
Poor House	7,948 94	8,846 44	
Repairs Public Buildings, Ordinance 18,526		14,406 93	
Improvement of Markets — Reconstruction of Soulard Market, Ordinance 18,725		5,000 00	
Judgments		9,391 33	
Parks—Lafayette Park		222 47	
Public Drinking Fountain		350 00	
Relief Ordinances—			
Mrs. Agnes R. Pitken, Ord. 18,479	$ 750 00		
Dr. H. F. James " 18,483	300 00		
John W. Kueser " 18,769	20 00		
August Bensinger " 18,770	17 00		
Hill & O'Meara Const. Co. " 18,821	369 74	1,456 74	
Special Attorney's Fees		3,500 00	
Special Tax Fund—New Work		80 85	
Sprinkling Streets		380 56	
Street Names—Erection of Signs for		3,500 00	$ 143,297 48
Appropriations for New Work and Special Purposes			$ 221,539 81

Transfers—

To Water Works Revenue, for expenses paid out of appropriations from Water Works Revenue, chargeable to appropriations made from Municipal Revenue, viz.:—			
Female Hospital	$ 28 54		
Insane Asylum	23 25		
Police—All Other Salaries and Current Expenses	15 60		
Carondelet Park	91 40		
Forest Park	6 93		
O'Fallon Park	222 09	$ 387 81	
To Opening Streets—Special Fund—			
For Collector's Commissions on Collections of Special Tax Bills	$ 5,481 69		
For Special Tax Bills Canceled	519 35	6,001 04	

STATEMENT "A"—Continued.

To Boulevards—Special Fund—			
For Collector's Commissions on Collections of Special Tax Bills	$ 30 37		
For Special Tax Bills Canceled ...	5 85	$ 36 22	
To Street Sprinkling—Special Fund—			
For Special Tax Bills Canceled ...	$ 8,666 94		
For Collector's Commissions on Collections of Special Tax Bills	3,920 89	12,587 83	
To New City Hall—Erection of		50 00	
Total Transfers......			$ 19,062 90

Appropriations for General Purposes	$ 4,774,555 57
Appropriations for New Work and Special Purposes	221,539 81
Transfers	19,062 90
Total Appropriations and Transfers......	$ 5,015,158 28

Total Resources of Municipal Revenue......	$ 5,082,252 81
Total Appropriations and Transfers	5,015,158 28
Unappropriated Balance to Credit April 12, 1897	$ 67,094 53

THIRD.

WATER WORKS REVENUE.

Resources—			
Unappropriated balance to credit, April 14, 1896......			$ 342,271 64
Receipts into the Treasury—			
Water Licenses......	$1,325,623 75		
Permits	5,740 00		
Taps	3,023 80		
Connections and Repairs......	1,247 65	$1,335,635 20	
Miscellaneous—			
Sales of condemned and useless Property	$ 3,053 28		
Overpayments returned......	65 40		
For privilege to erect drinking fountains	75 00	3,193 68	
Total receipts into the Treasury......			$1,338,828 88
Transfers—			
For expenses paid out of appropriations from Water Works Revenue, chargeable to the following funds or accounts—			
Contract and other deposits		$ 3,532 36	
Sprinkling Streets, Ordinance 14,375, etc......		4,116 36	
New City Hall (Special appropriation)		111 07	
O'Fallon Park (Special appropriation)......		74 17	

STATEMENT "A"—Continued.

Municipal Revenue—			
Female Hospital	$ 28 54		
Insane Asylum	23 25		
Police—All other Sal. and Current Expenses	15 60		
Carondelet Park	91 40		
Forest Park	6 93		
O'Fallon Park	222 09	$ 387 81	
Harbor Fund—			
Cleaning Levee and Removing Obstructions		10 00	
Pay Rolls Canceled, pursuant to Ord. 18,379—			
Pay Roll Account Special Fund		1 25	$ 8,233 02
Total Resources Water Works Revenue			$1,689,333 54
APPROPRIATIONS—			
For warrants drawn against the Treasury—			
Operating expenses and cost of collecting the Revenue—			
Assessor and Collector of Water Rates	$ 57,118 75		
Water Works	446,247 74	$ 503,366 49	
Water Works Extension—Salaries and Expenses, etc		43,318 48	
Total Appropriations (warrants drawn) for Operating Expenses, etc			$ 546,684 97
For amounts set apart out of Water Works Revenue and appropriated for specific purposes by ordinances—			
Water Pipe (and laying)		$ 375,788 97	
Water Works Extension—New Work		483,791 25	859,580 22
Total Appropriation			$1,406,265 19
TRANSFER—			
To Municipal Revenue, for expenses pertaining to Water Works Revenue, paid out of appropriations made from Municipal Revenue for Street Repairs—Reconstructed Streets			742 53
Total Appropriations and Transfer			$1,407,007 72
Total Resources of Water Works Revenue			$1,689,333 54
Total Appropriations and Transfer			1,407,007 72
Unappropriated balance to credit, April 12, 1897			$ 282,325 82

STATEMENT "A"—CONTINUED.

FOURTH.

HARBOR FUND.

RESOURCES—		
Unappropriated balances to credit, April 14th, 1896		$ 55,109 34
Receipts into the Treasury—		
Wharfage and Rents	$ 64,535 31	
Miscellaneous—		
Sale of condemned and useless property	38 32	
Total receipts into Treasury		64,573 63
Total resources of Harbor Fund		$ 119,682 97
APPROPRIATIONS—		
General Expenses—		
For Warrants drawn against the Treasury—		
For Salaries, Current Expenses and Repairs—		
Cleaning Levee and Removing Obstructions.	$ 6,432 87	
Harbor and Wharf—Salaries and Current Expenses	13,202 64	
Harbor Boat	14,157 52	
Repairs, Dikes, Wharfs and River Banks	24,768 26	
Total Warrants drawn against the Treasury		$ 58,561 29
NEW WORK—		
Harbor Construction		21,000 00
Total appropriations		$ 79,561 29
TRANSFER—		
To Water Works Revenue, for expenses pertaining to Harbor Fund, paid out of appropriations from Water Works Revenue, viz.:—		
For Cleaning Levee and Removing Obstructions		10 00
Total Appropriations and Transfer		$ 79,571 29
Total Resources of Harbor Fund		$ 119,682 97
Total Appropriations and Transfer		79,571 29
Unappropriated balance to credit, April 12th, 1897		$ 40,111 68

STATEMENT "B"—SPECIAL FUNDS AND ACCOUNTS.

SPECIAL FUNDS.

Opening Streets—Special Fund—			
Debit balance, April 14, 1896		$ 217,848 50	
Appropriation to pay damages in matter of opening streets and alleys		197,092 10	$ 414,940 60
By Appropriation from Municipal Revenue		$ 943 70	
By Transfers from Municipal Revenue—			
For Collector's Commissions on collections of benefits assessed		5,481 69	
Special Tax Bills canceled		519 35	
Total from Municipal Revenue		$ 6,944 74	
By Receipts into the Treasury—			
Special Tax Bills collected		167,364 35	174,309 09
Debit balance, April 12, 1897			$ 240,631 51
Boulevards—Special Fund—			
Debit balance, April 14, 1896	$ 31,641 56		
Transfer to Municipal Revenue—Interest on Special Tax Bills	43 70	$ 31,685 26	
Receipts into the Treasury	$ 845 61		
Transfer from Municipal Revenue for Collector's Commissions on collections for benefits assessed	30 37		
For Special Taxes, bills withdrawn and canceled	5 85	881 83	
Debit balance, April 12, 1897			30,803 43
Changing Street Grades—Special Fund—			
Debit balance (amounts due from property owners) April 14, 1896		$ 601 30	
Receipts into the Treasury		290 00	
Debit balance, April 12, 1897			311 30
Redemption of Bonds—			
Warrants drawn against the City Treasury		$ 322,518 41	
Transfer from Sinking Fund—			
For Redemption of Option Bonds, due May 3, 1902	$ 203,000 00		
For Redemption of Option Bonds, due July 2, 1903	90,000 00		
For Bonds purchased, due Nov. 2, 1911, par value $2,433.25, and 3½ per cent per annum	2,518 41	295,518 41	
Debit balance, April 12, 1897 Bonds redeemed at the City Treasury after remittance had been made to New York. A warrant for interest of equal amount was withheld			27,000 00

STATEMENT "B"—Continued.

Street Sprinkling—Special Fund—				
Debit balance, April 14, 1896			$ 41,003 24	
Appropriations for Sprinkling Streets			106,229 89	
Transfer to Municipal Revenue—				
Amount of difference of assessment and cost of work		$ 823 82		
Amount of interest on Street Sprinkling Special Tax Bills		2,723 64	3,547 46	
			$ 150,780 59	
Receipts into the Treasury		$ 98,253 36		
Transfer from Municipal Revenue—				
Special Tax Bills canceled		8,666 94		
Commissions on Collections retained by Collector		3,920 89	110,841 19	
Debit balance, April 12, 1897				$ 39,939 40
Street Improvements—				
Contributions due from Property Owners			$ 91 00	
Debit balance, April 12, 1897				91 00
Total Debit balances, April 12, 1897				$ 338,776 64
City Treasury Notes—Municipal Currency—Issue of 1873—				
Balance to credit, April 14, 1896			$ 36 00	
Balance to credit, April 12, 1897				$ 36 00
Issue prior to 1870—				
Balance to credit, April 14, 1896			$ 49 25	
Balance to credit, April 12, 1897				49 25
Contract and other Deposits—				
Balance to credit, April 14, 1896		$ 40,397 67		
Receipts into the City Treasury		615,024 03	$ 655,421 70	
Warrants drawn against the Treasury		$ 553,012 98		
Transfers: The expenses to cover which were paid out of the appropriations from Revenue Funds, as follows:				
Municipal Revenue	$ 8,166 40			
Water Works Revenue	3,532 36	11,698 76		
Transfers to Municipal Revenue—				
Forfeited Deposit	$ 950 00			
Cost of Plumbing Inspection	10,702 00	11,652 00	576,363 74	
Balance to credit, April 12, 1897				79,057 96

STATEMENT "B"—Continued.

Erection of Hospital Buildings Ord. 18,411—				
Appropriation from Municipal Revenue			$ 48,931 90	
Balance to credit, April 12, 1897				$ 48,931 90
Firemen's Pension Fund—				
Appropriation from Municipal Revenue			$ 6,838 78	
Warrants drawn against the Treasury			6,838 78	
Old County Claims—				
Balance to credit, April 14, 1896			$ 2,242 43	
Balance to credit, April 12, 1897				2,242 43
Pay Roll Account—Special Fund—				
Balance to credit, April 14, 1896		$ 177 35		
Receipts into the Treasury		1,000 87	$ 1,178 22	
Warrants drawn against the Treasury		$ 816 72		
Transfers for amounts remaining uncalled for more than one year:				
Municipal Revenue	$ 91 54			
Water Works Revenue	1 25	92 79	909 51	
Balance to credit, April 12, 1897				268 71
Poor House Bakery—				
Receipts into the Treasury for bread delivered to City Institutions and for empty flour barrels sold			$ 31,227 70	
Warrants drawn against the Treasury		$ 25,204 78		
Transferred to Municipal Revenue,		6,022 92	31,227 70	
Poor House Dairy—				
Receipts into the Treasury for milk delivered to City Institutions and for Live Stock sold			$ 2,371 48	
Warrants drawn against the Treasury		$ 2,139 55		
Transferred to Municipal Revenue,		231 93	2,371 48	
Proceeds Sales of Real Estate—				
Receipts into the Treasury			$ 1,104 99	
Transfer to Municipal Revenue			1,104 99	
Proceeds Sales Unclaimed Merchandise—				
Balance to credit, April 14, 1896			$ 6 79	
Balance to credit, April 12, 1897				6 79
Public Library—Special Fund—				
Balance to credit, April 14, 1896		$ 30,802 45		
Receipts into the Treasury		64,663 32	$ 95,465 77	
Warrants drawn against the Treasury			70,927 84	
Balance to credit, April 12, 1897				24,537 93
Redemption of Land Sold for Taxes—				
Balance to credit, April 14, 1896			$ 235 71	
Balance to credit, April 12, 1897				235 71

STATEMENT "B"—CONTINUED.

Refunding Licenses and Taxes, 13th Ward—			
Balance to credit, April 14, 1896		$ 83 95	
Balance to credit, April 12, 1897			$ 83 95
Refunding Water Pipe Special Taxes—			
Balance to credit, April 14, 1896		$ 862 94	
Balance to credit, April 12, 1897			862 94
Retained Percentages on Contracts—			
Balances to credit of sundry accounts April 14, 1896		$ 79,466 93	
Amount transferred to sundry accounts from Municipal Revenue Appropriations, on account of percentages retained from payments on account of work done during the fiscal year		19,147 78	
Balance to credit of sundry accounts April 12, 1897			98,614 71
Sinking Fund—			
Balance to credit, April 14, 1896		$ 84,598 17	
Amount transferred from the appropriations to meet the requirements of Art. XIV. of the amended Charter, viz.:			
Amount appropriated	$ 1,200,000 00		
Amount required to pay interest,	989,331 40	310,668 60	
		$ 395,266 77	
Amount transferred to "Redemption of Bonds" and thus applied to the reduction of the bonded debt during the fiscal year		295,518 41	
Balance to credit, April 12, 1897			99,748 36
State University Scholarship Fund—			
Balance to credit, April 14, 1896	$ 1,180 34		
Receipts into the Treasury	2,608 65		
Transfer from University Scholarship Income Account	24 18	$ 3,813 17	
Warrants drawn against the Treasury		3,624 35	
Balance to credit, April 12, 1897			188 82
State University Scholarship Income Account—			
Receipts into the Treasury		$ 96 72	
Warrants drawn against the Treasury	$ 51 45		
Transferred to State University Scholarship Fund	24 18	75 63	
Balance to credit, April 14, 1897			21 09
Unclaimed Allowances on Estates—			
Balance to credit, April 14, 1896		$ 58 55	
Balance to credit, April 12, 1897			58 55
Wharf North. Floating Debt. (For benefits to be returned, having been collected under proceedings of condemnation which were set aside.)—			
Balance to credit, April 14, 1896		$ 32 59	
Balance to credit, April 12, 1897			32 59

STATEMENT "B"—CONTINUED.

Witness and other Fees—Special Fund. (Unclaimed Fees paid into the Treasury by officers of courts.)—			
Balance to credit, April 14, 1896	$ 4,163 69		
Receipts into the Treasury	2,562 41	$ 6,726 10	
Warrants drawn against Treasury	$ 457 55		
Transfer to Municipal Revenue. (Amount remaining unclaimed in the Treasury for over one year.)	4,018 94	$ 4,476 49	
Balance to credit, April 12, 1897			$ 2,249 61

SPECIAL ACCOUNTS.

(Accounts for which appropriations are made for special purposes. These special appropriations stand until the object is accomplished, when the unexpended balance is transferred to the fund from which the appropriation was made. Accounts of the various appropriations are condensed according to their general purposes. By the term "appropriation," whenever it occurs, is meant the net amount, after transferring unappropriated balances, set apart for the general purpose out of the revenues of the fiscal year 1896–7.)

Construction of Engine Houses and Purchase of Lots—Sundry Amounts—			
Balances to credit, April 14, 1896	$ 13,750 00		
Appropriations from Municipal Revenue	20,300 00	$ 34,050 00	
Warrants drawn against the Treasury		13,042 15	
Balances to credit, April 12, 1897			21,007 85
Damages and Benefits to be returned in matter of Opening Streets, Alleys, etc.—			
Balances to credit, April 14, 1896	$ 139,684 44		
Appropriations from Opening Streets—Special Fund	197,092 10	$ 336,776 54	
Warrants drawn against Treasury		188,928 41	
Balances to credit, April 12, 1897			147,848 13
Improvements, Alterations and Repairs of Public Buildings—			
New City Hall, Ord. 15,558, etc.—			
Balances to credit, April 14, 1896,	$ 281,763 94		
Transfer from Municipal Revenue	50 00	$ 281,813 94	
Warrants drawn against the Treasury	$ 160,098 33		
Transfer to Water Works Revenue	111 07	160,209 40	
Balances to credit, April 12, 1897			121,604 54

STATEMENT "B"—CONTINUED.

New City Hall—Repairs—			
Balances to credit, April 14, 1896		$ 15,000 00	
Warrants drawn against the Treasury		11,774 04	
Balance to credit, April 12, 1897			$ 3,225 96
Court House—Removing Stone Coping. Ord. 18,006—			
Balance to credit, April 14, 1896		$ 3,963 50	
Warrants drawn against the Treasury	$ 2,394 50		
Transfer to Municipal Revenue—Unexpended balance	1,569 00	3,963 50	
Improvements, Alterations and Repairs of Buildings used for Hospital and Poor House purposes—			
City Hospital—Sundry Accounts—			
Balance to credit, April 14, 1896		$ 12,500 00	
Warrants drawn against the Treasury	$ 9,765 13		
Transfer to Municipal Revenue—Unexpended balance	2,734 87	12,500 00	
Female Hospital—			
Balance to credit, April 14, 1896	$ 10,000 00		
Appropriation from Municipal Revenue	897 50	$ 10,897 50	
Warrants drawn against the Treasury		9,997 50	
Balance to credit, April 12, 1897			900 00
Insane Asylum—Sundry Accounts—			
Balance to credit, April 14, 1896		$ 1,812 15	
Balance to credit, April 12, 1897			1,812 15
Poor House—Sundry Accounts—			
Balances to credit, April 14, 1896	$ 245 90		
Appropriation from Municipal Revenue	7,948 94	$ 8,194 84	
Warrants drawn against the City Treasury		5,344 84	
Balances to credit, April 12, 1897			2,850 00
Improvements, Alterations and Repairs of House of Refuge, Jail and Work House—			
House of Refuge—Construction of Water Closets, Ord. 18,002—			
Balances to credit, April 14, 1896		$ 1,317 20	
Warrants drawn against the City Treasury	$ 380 70		
Transfer to Municipal Revenue, Unexpended Balance	936 50	1,317 20	
Jail—Quarters for Female Prisoners. Ord. 17,960—			
Balances to credit, April 14, 1896		$ 1,709 66	
Warrants drawn against City Treasury		385 93	
Balance to credit, April 12, 1897			1,323 73

STATEMENT "B"—Continued.

Repairs of Public Buildings—			
Appropriation from Municipal Revenue		$ 14,406 93	
Warrants drawn against the Treasury		13,314 29	
Balance to credit, April 12, 1897			$ 1,092 64
Improvement of Markets—			
Soulard Market. Ord. 18,725—			
Appropriation from Municipal Revenue		$ 5,000 00	
Warrants drawn against the Treasury		990 00	
Balance to credit, April 12, 1897			4,010 00
Improvement to Parks—			
Benton Park—Music Stand—			
Balance to credit, April 14, 1896		$ 1,000 00	
Warrants drawn against the Treasury	$ 826 27		
Transfer to Municipal Revenue—Unexpended balance	173 73	1,000 00	
Forest Park—Frame House and Propagating Houses, Ord. 18,222—			
Balance to credit, April 14, 1896		$ 3,694 00	
Warrant drawn against City Treasury		3,533 45	
Balance to credit, April 12, 1897			160 55
Hyde Park—Music Stand—			
Balance to credit, April 14, 1896		$ 1,000 00	
Warrants drawn against the Treasury	$ 885 62		
Transfer to Municipal Revenue—Unexpended balance	114 38	1,000 00	
O'Fallon Park—Lake Ord. 17,823—			
Balance to credit, April 14, 1896		$ 2,188 06	
Warrants drawn against City Treasury	$ 1,902 05		
To Water Works Revenue	74 17	1,976 22	
Balance to credit, April 12, 1897			211 84
Lafayette Park—			
Appropriation from Municipal Revenue		$ 222 47	
Balance to credit, April 12, 1897			222 47
Judgments—			
Debit balance, April 14, 1896		$ 9,391 33	
Appropriation from Municipal Revenue		9,391 33	
Police—All Other Salaries and Current Expenses, Grading Lot Mounted District Stables—			
Balances to credit, April 14, 1896		$ 4,250 00	
Warrants drawn against the Treasury		4,250 00	

STATEMENT "B"—CONTINUED.

Police—Erection of Station Houses and Purchase of Lots—			
Balance to credit, April 14, 1896		$ 3,500 00	
Warrants drawn against the Treasury	$ 3,489 00		
Transfer to Municipal Revenue	11 00	3,500 00	
Public Drinking Fountain—			
Balance to credit, April 14, 1896	$ 500 00		
Appropriation from Municipal Revenue	350 00	850 00	
Warrants drawn against the Treasury		68 25	
Balance to credit, April 12, 1897			$ 781 75
Refunding Meat Shop Licenses—			
Balance to credit, April 14, 1896		$ 287 00	
Warrants drawn against the Treasury		267 75	
Balance to credit, April 12, 1897			19 25
Relief Ordinances—Sundry Accounts—			
Balances to credit, April 14, 1896	$ 2,517 00		
Appropriations from Municipal Revenue	1,456 74	$ 3,973 74	
Warrants drawn against Treasury		1,654 00	
Balances to credit, April 12, 1897			2,319 74
Sewer Construction—New Work—			
Balance to credit of sundry accounts, April 14, 1896	$ 45,744 68		
Appropriations from Municipal Revenue	39,912 59	$ 85,657 27	
Warrants drawn against Treasury		48,454 10	
Balances to credit of sundry accounts, April 12, 1897			37,203 17
Sewer Surveys—Printing Maps of, Ord. 17,933—			
Balance to credit, April 14, 1896		$ 5,138 60	
Warrants drawn against Treasury		4,737 60	
Balance to credit, April 12, 1897			401 00
Special Attorney's Fees—			
Appropriation from Municipal Revenue		$ 3,500 00	
Balance to credit, April 12, 1897			3,500 00
Special Tax Fund—New Work. (To pay for improvements abutting property owned by the city.) Sundry Accounts—			
Balance to credit, April 14, 1896	$ 3,162 01		
Appropriations from Municipal Revenue	80 85	$ 3,242 86	
Warrants drawn against Treasury		3,242 86	

STATEMENT "B"—Continued.

Sprinkling Streets—			
Appropriation from Street Sprinkling—Special Fund	$ 106,229 89		
Appropriation from Municipal Revenue	380 56	$ 106,610 45	
Warrants drawn against Treasury	$ 102,494 09		
Transferred to Water Works	4,116 36	106,610 45	
Street Bridges and Culverts — New Work—Sundry Accounts—			
Balances to credit of Sundry accounts, April 14, 1896	$ 10,500 00		
Appropriations from Municipal Revenue	3,814 84	$ 14,314 84	
Warrants drawn against the Treasury		9,314 84	
Balances to credit of sundry accounts, April 12, 1897			$ 5,000 00
Street Improvements—New Work—Sundry Accounts—			
Balances to credit of Sundry accounts, April 14, 1896	$ 82,990 40		
Appropriations from Municipal Revenue	31,904 52		
Contributions by property owners, paid into the Treasury	7,513 00		
Contributions due from property owners	91 00	$ 122,498 92	
Warrants drawn against Treasury	$ 61,576 51		
Contributions due at beginning of the fiscal year	1,811 00	63,387 51	
Balances to credit of sundry accounts, April 12, 1897			59,111 41
Street Reconstruction—New Work—Sundry Accounts—			
Appropriations from Municipal Revenue	$ 2,610 38		
Receipts into the Treasury	54 00	$ 2,664 38	
Warrants drawn against the Treasury		2,485 38	
Balances to credit of Sundry accounts, April 12, 1897			179 00
Street Names—Erection of Signs for—Ord. 18,365, etc.—			
Balance to credit, April 14, 1896	$ 8,000 00		
Appropriation from Municipal Revenue	3,500 00	$ 11,500 00	
Warrants drawn against the Treasury		11,022 15	
Balance to credit, April 12, 1897			477 85
Water Pipe and Laying—New Work—			
Balances to credit of sundry accounts, April 14, 1896	$ 133,720 54		
Appropriations from Water Works Revenue	375,788 97	$ 509,509 51	
Warrants drawn against Treasury	$ 272,151 92		
Transfer to Municipal Revenue	53 02	272.204 94	
Balances to credit of sundry accounts, April 12, 1897			237,304 57

STATEMENT "B"—CONTINUED.

Water Works Extensions—New Work—			
Balances to credit of sundry accounts, April 14, 1896	$ 896,670 54		
Appropriation from Water Works Revenue	483,791 25	$1,380,461 79	
Warrants drawn against Treasury		362,549 55	
Balances to credit of sundry accounts, April 12, 1897			$1,017,912 24
Water Works Reconstruction—			
Balance to credit, April 14, 1896		$ 32,122 39	
Balance to credit, April 12, 1897			32,122 39
Wharf Construction—Temporary—Ord. 18,578—			
Appropriation from Harbor Fund		$ 21,000 00	
Warrants drawn against the City Treasury		12,747 34	
Balance to credit, April 12, 1897			8,252 66
Warrant Account—			
Balance to credit, April 14, 1896	$ 116,375 19		
Warrants drawn against Treasury	8,581,372 72	$8,697,747 91	
Warrants paid by the Treasurer		8,475,496 15	
Balance to credit, April 12, 1897			222,251 76
Total credit balances of Special Funds and Accounts, April 12, 1897			$2,290,333 59

STATEMENT "C"—TRANSACTIONS THROUGH THE TREASURY.

Receipts into, Disbursements from, and Balance in the City Treasury at Close of Fiscal Year 1896-97, and Balances to Credit of the Revenue and Special Funds and Accounts April 12, 1897.

COMPILED FROM STATEMENTS "A" AND "B."

FIRST.

RECEIPTS.

Receipts on account of Revenue Funds. (For details see Statement "A")—		
Interest and Public Debt Revenue	$1,370,055 82	
Municipal Revenue	4,946,063 35	
Water Works Revenue	1,338,828 88	
Harbor Fund	64,573 63	$7,719,521 68
Receipts on account of Special Funds and Accounts. (See Statement "B")—		
Opening Streets—Special Fund	$ 167,364 35	
Boulevards—Special Fund	845 61	
Changing Street Grades	290 00	
Street Sprinkling—Special Fund	98,253 36	
Contract and other Deposits	615,024 03	
Pay Roll Account—Special Fund	1,000 87	
Poor House Bakery	31,227 70	
Poor House Dairy	2,371 48	
Proceeds of Sales of Real Estate	1,104 99	
Public Library—Special Fund	64,663 32	
State University Scholarship Fund	2,608 65	
State University Scholarship Income Account	96 72	
Witness and other Fees—Special Fund	2,562 41	
Street Improvements	7,513 00	
Street Reconstruction	54 00	994,980 49
Total Receipts during the fiscal year		$8,714,502 17
Balance in Treasury, April 14, 1896		2,463,075 08
Total Receipts into the Treasury during the fiscal year, and balance in Treasury, April 12, 1897		$11,177,577 25

STATEMENT "C"—CONTINUED.

SECOND.

DISBURSEMENTS.

Warrants drawn against the Treasury chargeable to the general appropriations from the Revenue Funds. (For details see Statement "A")—			
Interest and Public Debt Revenue		$ 891,909 93	
Municipal Revenue		4,774,555 57	
Water Works Revenue		546,684 97	
Harbor Fund		58,561 29	$6,271,711 76
Warrants drawn against the Treasury chargeable to Special Funds and Accounts. (See Statement "B")—			
Redemption of Bonds		$ 322,518 41	
Contract and other Deposits		553,012 98	
Firemen's Pension Fund		6,838 78	
Pay Roll Account		816 72	
Poor House Bakery		25,204 78	
Poor House Dairy		2,139 55	
Public Library		70,927 84	
State University Scholarship Fund		3,624 35	
State University Scholarship Income Account		51 45	
Witness and other Fees—Special Fund		457 55	
Construction and Reconstruction of Engine Houses and Purchase of Lots		13,042 15	
Damages due and Benefits to be returned in the matter of opening Streets, Alleys, etc		188,928 41	
Improvements, Alterations and Repairs of Public Buildings—			
New City Hall—Erection	$ 160,098 33		
New City Hall—Repairs	11,774 04		
Court House	2,394 50	174,266 87	
Improvements, Alterations and Repairs of Buildings used for Hospital and Poor House purposes—			
City Hospital	$ 9,765 13		
Female Hospital	9,997 50		
Poor House	5,344 84	25,107 47	
Improvements, Alterations and Repairs of House of Refuge, Jail and Work House—			
House of Refuge	$ 380 70		
Jail	385 93	766 63	
Improvement of Markets—			
Soulard Market		990 00	
Repairs of Public Buildings		13,314 29	

STATEMENT "C"—CONTINUED.

Improvement of Parks—				
Benton Park		$ 826 27		
Forest Park		3,533 45		
Hyde Park		885 62		
O'Fallon Park		1,902 05	$ 7,147 39	
Police—Grading Lot Forest Park Stables			4,250 00	
Police—Erection of Station Houses and Purchase of Lots			3,489 00	
Public Drinking Fountains			68 25	
Refunding Meat Shop Licenses			267 75	
Relief Ordinances—				
Gustav Hobusch	Ord. 18,385	$ 75 00		
John Smith	" 18,396	135 00		
Carl Bajohr	" 18,408	357 00		
Mrs. Ann R. Pitken	" 18,479	750 00		
Dr. H. F. James	" 18,483	300 00		
John W. Kueser	" 18,769	20 00		
August Bensinger	" 18,770	17 00	1,654 00	
Sewer Construction—New Work			48,454 10	
Sewer Surveys—Printing Maps of			4,737 60	
Special Tax Fund—New Work			3,242 86	
Sprinkling Streets			102,494 09	
Street Bridges and Culverts—New Work			9,314 84	
Street Improvements			61,576 51	
Street Reconstruction			2,485 38	
Street Names—Erection of Signs for			11,022 15	
Water Pipe and Laying			272,151 92	
Water Works Extension—New Work			362,549 55	
Wharf Construction			12,747 34	$2,309,660 96
Total warrants drawn during fiscal year 1896-'97				$8,581,372 72
Unpaid Auditor's warrants on hand, April 14, 1896				116,375 19
				$8,697,747 91
Unpaid Auditor's Warrants on hand, April 12, 1897				222,251 76
Disbursements out of Treasury during fiscal year 1896-'97				$8,475,496 15
Total Receipts into the Treasury during fiscal year 1896-'97, and balance in the Treasury at the commencement of fiscal year, as shown above				$11,177,577 25
Total Disbursements out of the Treasury during fiscal year				8,475,496 15
Balance in Treasury, April 12, 1897				$2,702,081 10

THIRD.

CONDITION OF THE TREASURY.

Balance in the Treasury April 12, 1897		$2,702,081 10
Amount debit balance "Opening Streets—Special Fund," being the uncollected special tax bills for benefits assessed. The balances to the credit of appropriations to pay damages are included in statement below. (See Statement "B," "Opening Streets—Special Fund"	$ 240,631 51	

STATEMENT "C"—CONTINUED.

Amount debit balance "Boulevard Special Fund," being the amount uncollected, special tax bills. (See Statement "B," "Boulevards—Special Fund"		$ 30,803 43	
Amount debit balance "Changing Street Grades—Special Fund," being amount of unsatisfied judgments for benefits assessed in matter of changing grades of Streets		311 30	
Amount debit balance "Redemption of Bonds"		27,000 00	
Amount debit balance "Street Sprinkling—Special Fund," being the amount of uncollected special tax bills. (See Statement "B," Street Sprinkling—Special Fund")		39,939 40	
Amount debit balance, "Street Improvements," being the amount of contributions by property owners required by ordinances authorizing the improvement of certain streets, and which remain unpaid at the close of the fiscal year. (See Statement "B," "Street Improvement")		91 00	$ 338,776 64
Total resources of the Treasury			$3,040,857 74
Belonging to the following Revenue and Special Funds and Accounts, viz.:			
Revenue Funds. (Unappropriated balances to credit of, April 12, 1897)—			
Interest and Public Debt Revenue		$ 360,991 76	
Municipal Revenue		67,094 53	
Water Works Revenue		282,325 82	
Harbor Fund		40,111 68	$ 750,523 79
Special Funds. (See Statement "B")—			
City Treasury Notes (Municipal Currency)—			
Issue of 1873	$ 36 00		
Issue prior to 1870	49 25	$ 85 25	
Contract and other Deposits		79,057 96	
Erection of Hospital Buildings Ord. 18,411		48,931 90	
Old County Claims		2,242 43	
Pay Roll Account—Special Fund		268 71	
Proceed Sales of Unclaimed Merchandise		6 79	
Public Library—Special Fund		24,537 93	
Redemption of Lands sold for Taxes		235 71	
Refunding of Licenses and Taxes, 13th Ward		83 95	
Refunding Water Pipe—Special Taxes		862 94	
Retained Percentages on Contracts		98,614 71	
Sinking Fund		99,748 36	
State University Scholarship Fund		188 82	
State University Scholarship Income Account		21 09	
Unclaimed Allowances on Estates		58 55	
Wharf North—Floating Debt		32 59	
Witness and other Fees—Special Fund		2,249 61	357,227 30

STATEMENT "C"—CONTINUED.

Special Accounts. Unexpended Balances of Appropriations, April 14, 1896. (See Statement "B.")—			
Construction of Engine Houses and Purchase of Lots		$ 21,007 85	
Damages due and benefits to be returned in matter of opening Streets, Alleys, etc. (Sundry Accounts)		147,848 13	
Improvements, Alterations and Repairs of Public Buildings—			
New City Hall, Ord. 15,558, etc		121,604 54	
New City Hall Repairs		3,225 96	
Improvements, Alterations and Repairs of Buildings used for Hospitals, and Poor House purposes—			
Female Hospital	$ 900 00		
Insane Asylum	1,812 15		
Poor House	2,850 00	5,562 15	
Improvements, Alterations and Repairs of House of Refuge, Jail and Work House—			
Jail		1,323 73	
Improvements of Markets—Soulard Market		4,010 00	
Repairs of Public Buildings		1,092 64	
Improvement of Parks—			
Forest Park	$ 160 55		
O'Fallon Park	211 84		
Lafayette Park	222 47	594 86	
Public Drinking Fountain		781 75	
Refunding Meat Shop Licenses		19 25	
Relief Ordinances		2,319 74	
Sewers—Construction (Sundry Accounts)		37,203 17	
Sewer Surveys—Printing Maps of		401 00	
Special Attorneys' Fees		3,500 00	
Street Bridges and Culverts (Sundry Accounts)		5,000 00	
Street Improvements—New Work		59,111 41	
Street Reconstruction		179 00	
Street Names—Erection of Signs for		477 85	
Water Pipe and Laying (Sundry Accounts)		237,304 57	
Water Works Extension (Sundry Accounts)		1,017,912 24	
Water Works Reconstruction		32,122 39	
Wharf Construction		8,252 66	$1,710,854 89
			$2,818,605 98
Unpaid Auditor's Warrants on hand, April 12, 1897			222,251 76
Total of Unappropriated Surplus and Amounts standing to the credit of Special Funds and Accounts, April 12, 1897			$3,040,857 74

ESTIMATES FOR THE FISCAL YEAR 1897-98.

STATEMENT "D"—REVENUE FUNDS.

Estimated Resources of the Various Revenue Funds, and Estimated Requirements of the Various Departments of the City Government for the Fiscal Year from April 13th, 1897, to April 11, 1898.

FIRST.

INTEREST AND PUBLIC DEBT REVENUE.

(*For interest and valid indebtedness existing prior to Constitution and Charter.*)

Amounts Available for Appropriations:

Unappropriated balance to credit, April 13, 1897			$360,991 76
Revenue—			
Taxes 1897—			
$\frac{40}{100}$ of 1 per cent on \$338,606,180 assessed value of real and personal property (excepting steamboats), less 17 per cent delinquency	$1,124,172 52		
Railroad Taxes 1897—on assessment of the State Board of Equalization	14,000 00		
Delinquent Taxes	140,000 00	$1,278,172 52	
Interest on Current Deposits		40,000 00	1,318,172 52
			$1,679,164 28

Amount of Appropriations Required:

Appropriation to meet the requirements of Art. XIV of the amended City Charter, for payment of interest on and reduction of the bonded debt,	$1,200,000 00	
Appropriation required for miscellaneous expenditures in connection with the bonded debt, chargeable to Interest and Public Debt Revenue,	10,000 00	1,210,000 00
Excess of estimated resources over estimated requirements		$ 469,164 28

STATEMENT "D"—CONTINUED.

SECOND.

MUNICIPAL REVENUE.

(For General Municipal Purposes.)

AMOUNTS AVAILABLE FOR APPROPRIATIONS:

Unappropriated balance to credit, April 13, 1897			$ 67,094 53
Revenue—			
Taxes, 1897—			
$\frac{98}{100}$ of 1 per cent on $256,090,460, assessed value of real and personal property (excepting steamboats) in Old Limits, less 17 per cent delinquencies	$2,082,551 76		
$\frac{98}{100}$ of 1 per cent on $80,100,000, estimated assessed value of real and personal property in New Limits, lying within the boundary fixed by the Ordinance establishing the rate of taxation for the year 1897, less 17 per cent delinquencies	656,413 80		
$\frac{6}{10}$ of 1 per cent on $1,875,720, estimated assessed value of real and personal property in New Limits, less 17 per cent delinquencies	9,341 09		
$\frac{1}{10}$ of one per cent on $482,600 assessed value of steamboat property	482 60		
Railroad Taxes, 1896, assessed by the State Board of Equalization	35,000 00		
Foreign Insurance Companies' Tax, assessed by Insurance Commissioner	18,000 00		
Delinquent Taxes	345,000 00	$3,146,789 25	
Licenses—			
Bicycles	$ 15,000 00		
Commission Merchants	12,500 00		
Dog	4,500 00		
Dramshop	945,000 00		
Insurance Companies	17,500 00		
Manufacturers	115,000 00		
Merchants	155,000 00		
Peddlers and Hawkers	9,000 00		
Street Railways	18,000 00		
Vehicle	45,000 00		
All other licenses	40,000 00	1,376,500 00	

STATEMENT "D"—Continued.

Boiler and Elevator Inspections		$ 13,000 00
Building Permits		5,500 00
Collections on Franchises—		
St. Louis Railroad Co., Ordinances 11,477 and 14,182	$ 5,000 00	
Citizens' Railway Co., Ordinance 11,528	10,000 00	
People's Railway Co., Ordinance 11,956	17,500 00	
St. Louis Transfer Railway Co., Ordinance 12,975	1,000 00	
Merchants' Bridge Terminal Railway Co., Ordinance 14,078	10,000 00	
Southern Railway Co., Ordinances 14,089 and 17,693	11,000 00	
Missouri Railroad Co., Ordinance 14,483	1,500 00	
St. Louis, Oak Hill and Carondelet R. R., Ordinance 14,739	500 00	
Lindell Railway Co., Ordinance 15,455	2,000 00	
St. Louis and Suburban Railway Co., Ord. 15,547	1,000 00	
Forest Park, Laclede and Fourth Street Railway Co., Ordinance 15,601	3,500 00	
Vandeventer Railway Co, Ordinance 15,606	1,000 00	
Cass Avenue and Fair Grounds Railway Co. (Ord. 16,639)	9,500 00	
Compton Heights, Union Depot and Missouri Terminal Railroad Co., Ordinance 17,009	2,000 00	
Union Depot Railroad Co., Ordinance 17,021	1,000 00	
Grand Avenue Railway Co., Ordinance 17,047	1,000 00	
Southwestern Railroad Co., Ordinance 17,185	1,000 00	
Jefferson Avenue Railroad Co., Ordinance 18,047	1,800 00	
St. Louis and Meramec River Railroad Co., Ord. 18,321	1,000 00	
St. Louis Automatic Refrigerator Co., Ordinance 15,800	300 00	
Telephone Companies	21,000 00	
Edison Illuminating Co. and Missouri Electric Light and Power Co., Ordinance 18,680	5,000 00	
Electric Light Companies	8,000 00	115,600 00

STATEMENT "D"—CONTINUED.

Fines, Fees and Commissions	$ 157,000 00	
Markets	28,500 00	
Recorder of Deeds	46,000 00	
Rents.	3,500 00	
Scales	11,000 00	
State's portion cost of assessing the Revenue..	36,400 00	
State's appropriation for support of the Insane	15,000 00	
State's appropriation for rent, lighting and heating St. Louis Court of Appeals	2,000 00	
Weights and Measures, Inspections	10,000 00	
All other sources	22,000 00	$4,988,789 25
Total available for appropriations		$5,055,883 78
AMOUNTS OF APPROPRIATIONS REQUIRED:		
For General Expenses—		
Courts and Expenses incident thereto—		
Costs and legal expenses	$ 43,000 00	
Courts	216,187 63	
Jury Commissioner	21,345 00	
Jury and witness fees	57,500 00	
Law department	13,900 00	
Marshal's office	22,675 00	$ 374,657 63
Coroner and Morgue—		
Coroner	$ 17,450 00	
Morgue	5,882 10	23,332 10
Departments where fees of the office pay the expenses—		
Board of Engineers and Boiler Inspector	$ 11,246 00	
Inspector of Weights and Measures	7,750 00	
Recorder of Deeds	47,620 00	66,616 00
Fire Department and Fire Alarm Telegraph—		
Fire Alarm Telegraph	$ 56,300 00	
Fire Department	681,265 00	
Fire Department—Pension Fund	6,626 35	744,191 35
Health Department—		
Board of Health and Commissioner	$ 82,110 00	
City Dispensary	43,411 87	
City Hospital	109,578 36	
Female Hospital	49,761 66	
Insane Asylum	86,510 15	
Poor House	121,766 25	
Quarantine and Small-Pox Hospital	10,250 00	
Removal of garbage	94,530 00	
Reduction of garbage	65,700 00	663,618 29

STATEMENT "D"—CONTINUED.

House of Refuge, Jail and Work House—		
House of Refuge	$ 50,977 60	
Jail	27,747 27	
Work House	61,625 00	$ 140,349 87
Lighting City—		
Gas Light	$ 39,000 00	
Gasoline Lamps, maintaining	5,000 00	
Electric Light	308,500 00	352,500 00
Lighting Public Buildings		70,000 00
Police—Salaries of Chief, Captains, Sergeants, Patrolmen and Detectives	$ 808,300 00	
Police—All other salaries and current expenses	143,000 00	951,300 00
Public Buildings—		
City Hall—Salaries and current expenses	$ 11,920 00	
City Hall—Repairs and alterations	750 00	
New City Hall—Salaries and current expenses	6,860 00	
New City Hall—Repairs and alterations	200 00	
Court House—Salaries and current expenses	9,890 00	
Court House—Repairs and alterations	2,250 00	
Four Courts—Salaries and current expenses	12,060 00	
Four Courts—Repairs and alterations	2,500 00	46,430 00
Public Improvements—Salaries, Expenses and Repairs—		
Board of Public Improvements—President's Department		68,050 00
Fund for Numbering Houses		2,280 00
Parks—		
Park Commissioner	$ 8,100 00	
Benton Park	3,000 00	
Carondelet Park, New Limits	4,500 00	
Carr Square	1,100 00	
Forest Park	40,800 00	
Fountain Park	500 00	
Gamble Place	700 00	
Gravois Park	750 00	
Hyde Park	2,600 00	
Jackson Place	750 00	
Kenrick Garden	250 00	
Laclede Park	900 00	
Lyon Park	1,500 00	
O'Fallon Park	7,000 00	
St. Louis Place	4,000 00	
South St. Louis Place	800 00	
Washington Square	675 00	
Concerts in Public Parks	6,000 00	
	$ 83,925 00	
Lafayette Park	8,250 00	
Tower Grove Park	25,000 00	117,155 00

STATEMENT "D"—CONTINUED.

Sewers—Salaries, Current Expenses and Repairs		$ 100,500 00
Streets—		
Street Commissioner's Department	$ 74,665 00	
Street Bridges and Culverts	31,500 00	
Street Cleaning—Floating Dumps	10,750 00	
Street Cleaning—Labor and Carts	112,500 00	
Street Cleaning—Block System	27,000 00	
Street Cleaning—Stone and Wood Blocks and Asphaltum Pavements	71,400 00	
Street Grades and Surveys	11,800 00	
Street Repairs—Macadam and other Material	85,000 00	
Street Repairs—Miscellaneous Expenses	93,000 00	
Street Repairs—Reconstructed Streets	37,654 30	
Street Repairs—Salaries	24,500 00	
Streets—Special Service	3,000 00	
Sprinkling Streets—Ordinance 14,911	2,500 00	
Opening Streets—Expenses	16,067 31	601,336 61
Departments not classified above—		
Assessment of Revenue	$ 72,822 00	
Commissioner of Public Buildings	18,789 80	
Commissioner of Supplies	12,500 00	
License Commissioner	28,841 85	
Milk Inspector	2,950 00	
Municipal Assembly	38,320 00	
Plumbing Inspection Department	13,440 00	
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer and employes	77,100 00	264,763 65
Miscellaneous Expenses—		
Catching and Killing Dogs	$ 5,000 00	
Contingent Fund	38,144 97	
Election and Registration	68,003 20	
Insurance	3,000 00	
Judgments	10,000 00	
Making Back Tax Books and Bills	3,750 00	
Markets	10,840 00	
Mayor's Contingent Fund	11,000 00	
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	2,000 00	
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	20,000 00	
Real Estate Account	4,000 00	
Scales	5,750 00	
Scavenger Dump—Salaries and Current Expenses	6,800 00	
Scavenger Dumps—Construction and Repairs	1,500 00	189,788 17
Total for General Expenses		$4,776,868 67

STATEMENT "D"—Continued.

For Improvements and Special Purposes:		
For appropriation to provide for completion of work authorized during last fiscal year—		
City Hospital	$ 1,200 00	
Quarantine and Small Pox Hospital	279 40	$ 1,479 40
Appropriations for Alterations and Extraordinary Repairs of Buildings requiring prompt attention, and other special purposes—		
City Hospital	$ 5,660 00	
Female Hospital	2,305 00	
Insane Asylum	5,110 00	
Poor House	2,350 00	
House of Refuge	2,300 00	
Jail	600 00	18,325 00
For Appropriations requiring Special Ordinances—		
New City Hall	$ 155,000 00	
Amount to be set apart, pursuant to Ord. 18,411, for erection of hospital buildings, being 1 per cent of the revenue of the preceding fiscal year	48,869 28	
Amount reserved for payment of expenses of election for members of Board of Education	40,886 31	244,755 59
Total for Improvements and Special Purposes		$ 264,559 99
Total for General Expenses		$4,776,868 67
Total for Improvements and other Special Purposes		264,559 99
Remaining for other Improvements or Special Purposes		14,458 12
		$5,055,883 78

THIRD.

WATER WORKS REVENUE.

(*For completing, constructing, operating and repairing Water Works.*)

Amounts Available for Appropriation:			
Unappropriated balance to credit, April 13, 1897		$ 282,325 82	
Revenue—			
Water Rates, Permits, etc		1,335,000 00	
Total available for appropriation			$1,617,325 82
Amount of Appropriations Required:			
For operating expenses and cost of collecting the revenue—			
Assessor and Collector of Water Rates	$ 57,940 00		
Water Works	496.000 00	$ 551,940 00	
For salaries and expenses of Water Works Extension—			
For Water Pipe (and laying), and for extension and reconstruction of the Water Works		1,065,385 82	1,617,325 82

STATEMENT "D"—CONTINUED.

FOURTH.

HARBOR FUND.

(For repairing and improving the Harbor and Wharf, cleansing levee and removing obstructions, and for salaries and expenses of the Harbor and Wharf Department.)

AMOUNTS AVAILABLE FOR APPROPRIATION:		
Unappropriated balance, April 13, 1897	$ 40,111 68	
Revenue—		
Wharfage and Rents	60,000 00	
Total available for appropriation		$ 100,111 68
AMOUNT OF APPROPRIATIONS REQUIRED:		
For General Expenses—		
Cleaning Levee and removing obstructions	$ 10,000 00	
Harbor and Wharf—Salaries and Current Expenses	13,300 00	
Harbor Boat	15,600 00	
Repairs Dikes, Wharf and River Bank	25,000 00	63,900 00
Excess of Estimated Resources over Estimated Requirements		$ 36,211 68

LIABILITIES.

BONDED DEBT OF THE CITY OF ST. LOUIS.

APRIL 12, 1897.

(Including Debt of Former County of St. Louis, Assumed by City under the Charter.)

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1898.			
Ord. 10743.	Gold, $1000 £200	June 1, 1878..........	6 per ct.	20	June 1, 1898.........	Nat. Bk. Commerce, N. Y. or London	Renewal Bonds	$593,000 00
Ord. 6606.	Gold.........	August 1, 1868......	6 per ct.	30	August 1, 1898......	National Bank of the Republic, N. Y.......	Tower Grove Park..............	340,000 00
					Due 1899.			
Ord. 10743.	Gold, $1000 £200	January 1, 1879.....	6 per ct.	20	January 1, 1899.....	Nat. Bk. Commerce, N. Y. or London......	Renewal Bonds..................	675,000 00
					Due 1900.			
Ord. 11066.	Gold, $1000 £200	January 1, 1880.....	5 per ct.	20	January 1, 1900.....	Nat. Bk. Commerce, N. Y. or London	Renewal Bonds..................	476,000 00
					Due 1905.			
Ord. 13061.	Gold, $1000 £200	February 2, 1885...	4 per ct.	10 — 20	February 2, 1905... Redeemable at City's option on or after Feb. 2, 1895.	Nat. Bk. Commerce, N. Y. or London......	Renewal Bonds...........	620,000 00

					Due 1905.			
Ord. 13279.	Gold, $1000 £200	June 1, 1885..	4 per ct.	20	June 1, 1905...........	Nat. Bk. Commerce, N. Y. or London.... .	Judgment in favor of St. Louis Gas Light Co...........	950,000 00
State Act, Feb. 2, '75.	Gold.........	April 1, 1875	6 per ct.	30	April 1, 1905	National Bank of Commerce, N. Y..........	Purchase Forest Park.........	1,300,000 00
State Act, Mar. 12, '75.	Gold	April 1, 1875	6 per ct.	30	April 1, 1905	National Bank of Commerce, N. Y..	Purchase Carondelet Park...	200,000 00
State Act, Mar. 22, '75.	Gold	April 1, 1875	6 per ct.	30	April 1, 1905	National Bank of Commerce, N. Y..........	Purchase O'Fallon Park......	400,000 00
					Due 1906.			
Ord. 5780.	Currency..	April 10, 1866.........	6 per ct.	40	April 10, 1906	National Bank Republic, New York........	Purchase Block 121..............	245,000 00
					Due 1907.			
Ord. 13932 Ord. 14046	U. S. Gold or Sterl'g.	June 25, 1887........	3.65 pr ct.	20	June 25, 1907.........	Nat. Bk. Commerce, N. Y. or London......	Renewal Bonds .... (Water Works Renewal Bonds.)	2,844,100 00
					Due 1908.			
Ord. 13932 Ord. 14046	U. S. Gold or Sterl'g	April 10, 1888	4 per ct.	20	April 10, 1908	Nat. Bk. Commerce, N. Y. or London......	Renewal Bonds .... (Includes $463,900.00 Water Works Renewal Bonds)	1,559,000 00
					Due 1911.			
Ord. 15367 Ord. 15559 Ord. 16193 &c.	Sterl'g or U. S. Gold	Nov. 2, 1891.........	4 per ct.	20	Nov. 2, 1911.........	Nat. Bk. Scotland, Limited, London or New York.	Renewal Bonds .... (Includes $1,700,000.00 Water Works Renewal Bonds.)	*2,497,487 80
					Due 1912.			
Ord. 16685.	U. S. Gold or Sterl'g.	Nov. 1, 1892	4 per ct.	20	Nov. 1, 1912.........	Nat. Bk. Commerce, N. Y. or London......	Renewal Bonds	1,155,000 00

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* The amount of this issue outstanding is £513,200 Sterling, amounting, at the par of exchange—$4.8665—to $2,497,487.80.

BONDED DEBT—CONTINUED.

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1913.			
Ord. 17253.	Sterl'g or U. S. Gold	Oct. 2, 1893	4 per ct.	20	Oct. 1, 1913	Nat. Bk. Scotland, Limited, London or New York.	Renewal Bonds	* $ 1,250,690 50
					Due 1914.			
Ord. 17445.	U. S. Gold or Sterl'g.	June 1, 1894	4 per ct.	20	June 1, 1914	Nat. Bk. Commerce, N. Y. or London	Renewal Bonds (Includes $800,000.00 Water Works Renewal Bonds.)	2,000 000 00
					Due 1915.			
Ord. 18018.	U. S. Gold or Sterl'g.	May 1, 1895	3.65 pr. ct.	20	May 1, 1915	Nat. Bk. of Commerce, N. Y., or N. B. of Scotland, London.	Renewal Bonds	975,000 00
					Due 1918.			
Ord. 14347.	U. S. Gold or Sterl'g.	July 1, 1888	4 per ct.	30	July 1, 1918	Nat. Bk. Commerce, N. Y. or London	Renewal Bonds	1,985,000 00
					Due 1919.			
Ord. 15061.	U. S. Gold or Sterl'g.	Aug. 1, 1889	3½ per ct.	30	Aug. 1, 1919	Nat. Bk, Commerce, N. Y. or London	Renewal Bonds	275,000 00
					Due 1920.			
Ord. 15367.	U. S Gold or Sterl'g.	June 2, 1890	3½ per ct.	30	June 2, 1920	Nat. Bk. Commerce, N. Y. or London	Renewal Bonds	12,000 00
							Total outstanding	$ 20,352,278 30

* The amount of this issue is £257,000 Sterling, amounting, at the par of exchange—$4.8665—to $1,250,690.50.

CITY AUDITOR'S

ANNUAL REPORT,

For the Fiscal Year ending April 12, 1897.

CITY AUDITOR'S OFFICE,
ST. LOUIS, May 25, 1897.

To the Honorable, the Municipal Assembly of the City of St. Louis:

GENTLEMEN—In compliance with the provisions of the City Charter, I have the honor to submit, herewith, my report of the business of this office for the fiscal year ending April 12, 1897.

Very respectfully,

ISAAC M. MASON,
City Auditor.

RECEIPTS.

TREASURER, DR.

To Balance cash in Treasury April 13th, 1896		$2,463,075 08
To Receipts into the Treasury during the fiscal year from the following sources—		
Henry Ziegenhein, Collector of Revenue—		
Current Revenue, 1896	$3,963,586 34	
Back taxes, 1884 and prior years	24 52	
" " 1885 and 1886	70 66	
" " 1887	1 54	
" " 1888	8 92	
" " 1889	341 95	
" " 1890	1,023 46	
" " 1891	6,247 93	
" " 1892	12,712 92	
" " 1893	28,074 20	
" " 1894	83,820 75	
" " 1895	343,826 63	
" " 1896	80,801 14	
Delinquent personal taxes, 1889	851 17	
" " " 1890	842 27	
" " " 1891	1,094 32	
" " " 1892	973 50	
" " " 1893	1,054 95	
" " " 1894	1,206 78	
" " " 1895	17,845 52	
" " " 1896	1,818 31	

Street sprinkling special taxes, 1888	$ 20 17	
“ “ “ “ 1889	74 75	
“ “ “ “ 1890	164 28	
“ “ “ “ 1891	716 07	
“ “ “ “ 1892	2,209 03	
“ “ “ “ 1893	2,445 02	
“ “ “ “ 1894	4,618 48	
“ “ “ “ 1895	11,446 86	
“ “ “ “ 1896	76,558 70	
Forest Park boulevard special taxes	845 61	
		$4,645,326 75
Street Opening, Special Taxes—		
Alley in Block No. 449	4 86	
“ “ 820n	162 13	
“ “ 1331n	60 00	
“ “ 1384	161 95	
“ “ 1428	87 11	
“ “ 1519	186 24	
“ “ 1981	76 05	
“ “ 1982	60 00	
“ “ 2038	18 00	
“ “ 2157n	82 80	
“ “ 2269	168 04	
“ “ 2269a	18 57	
“ “ 2287	4,291 58	
“ “ 2304	547 66	
“ “ 2788	27 20	
“ “ 2964	750 51	
“ “ 2970	430 28	
“ “ 2981	384 61	
“ “ 3037	13 92	
“ “ 3038	18 00	
“ “ 3287	259 20	
“ “ 3721	1,046 90	
“ “ 3723	60 94	
“ “ 3762	85 25	
“ “ 3765	127 44	
“ “ 3768	98	
“ “ 3768 e	269 34	
“ “ 3769	116 36	
“ “ 3770	307 72	
“ “ 3770 s	161 17	
“ “ 3771	214 45	
“ “ 3774	74 45	
“ “ 3778	207 43	
“ “ 3785	285 42	
“ “ 3786	422 84	
“ “ 3787	1,316 64	
“ “ 3788	2,285 76	
“ “ 3789	1,337 89	
“ “ 3791	2,422 06	
“ “ 3794	52 22	
“ “ 3867	39 31	
“ “ 3883	337 01	
“ “ 3911	111 36	
“ “ 4536	508 80	
“ “ 4556	517 14	
“ “ 4570	121 88	
“ “ 4575	244 38	
“ “ 4576	630 34	
“ “ 4875	88 53	
“ “ 5073	600 15	
“ “ 5152	1,816 46	
“ “ 5153	1,717 77	
Allen avenue	11,546 10	
Ashland avenue	8,332 15	
Baldwin street	217 18	
Bayard avenue	23 52	
Bellefontaine road	138 24	
Benton street	2 88	
Boyle avenue, No. 2	159 32	
Chippewa street	87 75	
Cora avenue	445 62	
Cote Brilliante avenue	247 20	
Cottage avenue	32 17	
Delmar avenue, No. 3	1,728 00	
“ “ No. 4	7 10	
Dickson street	40 80	
Eleventh street	4 39	
Evans avenue	280 56	

Ferry street	$ 333 15	
Fladd avenue	555 08	
Forest avenue	580 50	
Forest Park boulevard	29 25	
Goodfellow avenue	477 33	
Guy street	256 40	
Hickory street	122 88	
“ “ No. 1	489 51	
“ “ No. 2	608 23	
High street	14 22	
Howard street	240 00	
Iowa avenue, No. 5	52 61	
“ “ No. 6	2,445 19	
Iron street	111 42	
King's Highway, No. 2	434 60	
“ “ No. 3	32 66	
Klemm street	112 12	
Labadie avenue	159 48	
Lexington avenue	583 42	
Lindell avenue	18 24	
Lindell and McPherson avenues	545 92	
Louisiana avenue	691 46	
Lucky street	177 67	
“ “ No. 1	75 30	
“ “ No. 2	3,065 98	
McPherson avenue	16,621 26	
McRee avenue	288 00	
Main street	4 80	
Meramec street, No. 2	701 42	
Minnesota avenue, No. 2	2,015 89	
Morgan street	19 50	
Nebraska avenue	33 36	
Newstead avenue, No. 2	85 48	
Ninth street	3 60	
Nineteenth street	802 77	
North Market street	653 25	
“ “ “ No. 2	38 50	
“ “ “ No. 3	12,494 94	
Ohio avenue, No. 2	55 57	
“ “ No. 4	72 56	
Oregon avenue, No. 2	251 04	
Pendleton avenue, No. 1	8 19	
Rosedale avenue	36 00	
Rutger street	108 00	
“ “ No. 1	12 48	
“ “ No. 2	11,996 10	
Sidney street	10,315 22	
Sixteenth street	17 76	
St. Vincent avenue	58 50	
Taylor avenue, No. 1	52 26	
“ “ No. 2	527 18	
“ “ No. 3	759 90	
“ “ No. 5	404 44	
Tenth street	53 57	
Thurman boulevard	134 06	
Tower Grove avenue	698 64	
“ “ “ No. 2	7,908 31	
Twenty-third street, No. 2	14 40	
“ “ “ No. 3	25 20	
Union avenue	6,480 82	
Vandeventer avenue, No. 1	1 15	
“ “ No. 2	20,022 73	
Virginia avenue, No. 2	316 24	
Whittier avenue	26 55	
“ “ No. 3	52 71	
Windsor place	121 39	
Winnebago street	96 53	
“ “ No. 1	62 22	
“ “ No. 2	168 27	
Wisconsin avenue, No. 2	11,900 89	
		$167,364 35
Wharfage Bills		64,535 31
Licenses, Bills, etc., as follows:		
Auctioneers	2,776 50	
Banks, brokers and financial agents	5,281 12	
Billiards	501 60	
Bill posters	28 80	
City Hospital bills	228 86	
City weighers	24 00	

Commission merchants		$ 12,431 34		
Dogs		4,323 66		
Dramshops		947,293 35		
Engravers		77 70		
Flying horses		136 20		
Fortune tellers		578 25		
Garbage removers		211 20		
Hotel runners		321 02		
Hotels		1,215 69		
House of Refuge bills		77 81		
Insane account		7,612 76		
Insurance		17,303 25		
Intelligence offices		242 25		
Interest on special tax bills		1,316 67		
Jail bills		2,697 90		
Junk shops and wagons		1,340 95		
Lumber Measurers		29 25		
Manufacturers		112,281 31		
Markets—Soulard	$ 193 25			
" South St. Louis	46 44			
" Union	28,369 25			
		28,609 04		
Mercantile agents		676 50		
Merchandise brokers		3,870 75		
Merchants		148,008 56		
Ordinaries		2,181 12		
Pawn brokers		3,870 00		
Peddlers and hawkers		8,876 29		
Photographers		453 75		
Railroad ticket brokers		1,018 50		
Real estate		4,546 50		
Register fees		4,341 57		
Rent bills		3,761 39		
Shooting galleries		24 09		
Stock yards		146 25		
Street cars		18,311 25		
Theaters and exhibitions		1,807 50		
Vault cleaners		300 00		
Vehicles		24,667 46		
Weigher's tickets		6,334 40		
Work house bills		48 00	$ 1,380,274 36	
				$ 6,257,500 77
Louis Grund, Assessor and Collector of Water Rates—				
Water licenses			1,325,613 75	
Permits			5,750 00	
Taps			3,023 80	
Connections			1,247 65	
				1,335,635 20
M. D. Lewis, Recorder of Deeds—				
Fees				45,867 90
Emile Thomas, Marshal—				
Fines and fees collected in First District Police Court			3,998 00	
Fines and fees collected in Second District Police Court			2,558 00	
Fines and fees collected in South St. Louis Police Court			384 25	
				6,940 25
John C. Lyons, Inspector of Weights and Measures—				
Fees				10,117 30
Charles J. Price, Inspector of Boilers and Elevators—				
Boiler inspections			8,075 00	
Elevator inspections			4,609 00	
Fees			518 00	
				13,202 00
William Schaefer, Weigher North Levee Scales—				
Fees				54 80
Jno. M. Seymour, Weigher South Levee Scales—				
Fees				438 00
August Homan, late Weigher Bridge Scales—				
Fees				483 60
Elias Houser, Weigher Bridge Scales—				
Fees				1,158 20
Julia Mack, Weigher City Market Scales—				
Fees				2,022 90
William Widler, Weigher Thorp Scales—				
Fees				40 00
E. L. Schoenemann, Market Master and Weigher, Soulard Market Scales—				
Fees				419 55

Jacob B. Evans, Market Master and Weigher, South St. Louis Market Scales—			
Fees			$ 225 00
Henry Ziegenhein, Collector of Revenue—			
Surplus commission found due the city upon settlement with the Comptroller, February 27, 1897		$ 302 12	
Rent of offices, heat, light, services of janitors, towels and washing of same, and other supplies furnished during fiscal year ending February 29, 1897		1,974 50	
			2,276 62
Isaac H. Sturgeon, Comptroller—			
Interest on city current deposits at the following banks:			
American Exchange Bank		13,596 22	
Boatmen's Bank		16,760 58	
Chemical National Bank		8.997 88	
Commercial Bank		12,917 78	
Continental National Bank		4,383 12	
Merchant's Laclede National Bank		11,106 66	
National Bank of Commerce		460 11	
Third National Bank		905 49	
Returned premiums on insurance policies on City Hospital		1,015 41	
Returned premium on insurance policy on Female Hospital		90 00	
Returned premium on insurance policy on House of Refuge		23 50	
Returned premium on insurance policy on Poor House		58 80	
Abstract of tax books for 1896, furnished to State Auditor		516 76	
Acceptance of Ordinance No. 18680, by Edison Illuminating Co., and Missouri Electric Light and Power Co., jointly and severally		5,000 00	
			75,832 31
James Richardson, Commissioner of Supplies—			
Proceeds sale of condemned property from the following departments:			
Assessment of Revenue—			
Condemned desks			4 20
Assessor and Collector of Water Rates—			
Condemned horse			20 00
Board of Health and Commissioner—			
Condemned horses	$ 69 00		
Empty barrels	5 25		
		74 25	
Board of Public Improvements—			
Condemned building	11 25		
" stone	12 20		
		23 45	
Building Commissioner—			
Condemned building	40 00		
" chairs	7 20		
" horse	5 00		
		52 20	
City Register—			
Condemned typewriter		11 50	
Coroner—			
Condemned furniture		4 00	
Election Commissioners—			
Condemned furniture	30 50		
" safes	78 25		
" stove	1 50		
		110 25	
Female Hospital—			
Condemned hose	16 61		
" iron	44 28	$ 60 89	
Fire Alarm Telegraph—			
Condemned horse	10 00		
" iron	2 00		
" poles	40 00	52 00	
Fire Department—			
Empty barrels	34 35		
" sacks	57 37		
Condemned brass	548 97		
" horses	702 75		
" hose	815 20		
" engine	400 00	2,558 64	
Harbor and Wharf Department—			
Condemned brass		38 32	

House of Refuge—			
Empty barrels		$ 26 15	
Insane Asylum—			
Condemned horse	$ 2 00		
“ iron	78 51		
“ oven	12 00	92 51	
Inspector of boilers and elevators—			
Condemned horse		11 00	
Marshal's office—			
Condemned buggy		12 65	
Park Commissioner—			
Condemned tool house	11 00		
“ mule	8 00	19 00	
Poor House—			
Old rags and iron		168 28	
Poor House bakery—			
Empty barrels		662 71	
Sewer Department—			
Condemned harness	7 55		
“ horse	5 00		
“ iron	36 22	48 77	
Street Commissioner—			
Condemned horse	16 00		
“ iron	1,310 62	1,326 62	
Water Department—			
Condemned boiler	300 00		
“ engine	200 00		
“ horses	47 00		
“ iron	2,426 13		
“ lawn mower	1 50		
“ water pipe	13 00		
Empty barrels	45 65	3,033 28	
			$ 8,410 67
F. S. Ridgely, Park Commissioner:			
Benton Park—			
Privilege renting boats		26 77	
Carondelet Park—			
Privilege renting boats		75 00	
Forest Park—			
Privilege renting boats	334 86		
“ “ swings	40 00		
“ carousel	174 00		
“ watering stock	75 00		
Sale of old timber	42 00		
		665 86	
O'Fallon Park—			
Privilege renting boats		201 00	
			968 63
Nicholas Karr, Sup't. Work House—			
Fines and Costs			959 80
J. H. Randall, Commissioner of Public Buildings—			
Fees for building permits			5,591 00
Max Starkloff. Health Commissioner—			
Poor House Bakery—			
Bread furnished city institutions		28,016 94	
Poor House Dairy—			
Milk furnished city institutions		2,220 87	
			30,237 81
Charles W. Francis, Acting Health Commissioner—			
Poor House Bakery—			
Bread furnished city institutions		2,548 05	
Poor House Dairy—			
Milk furnished city institutions		150 61	
			2,698 66
Tobias Mitchell, late Clerk Board of Health and Commissioner—			
Copies of burial certificates		486 00	
“ birth “		31 00	
			517 00
J. H. Bruere, Clerk Board of Health and Commissioner.			
Copies of burial certificates		321 00	
“ birth “		63 00	
			384 00
J. H. Pocock, late Register—			
Certified copies of revised ordinances		45 25	
Notarial, Dental and Druggists' certificates		14 50	
			59 75

Henry Besch, Register—		
Certified copies of revised ordinances	$87 00	
Notarial, Dental and Druggists' certificates	49 50	
		$ 136 50
Henry Troll, Sheriff—		
Costs and fees	2,751 45	
Unclaimed witness fees	312 13	
		3,063 58
Charles Scudder, Treasurer: Pay Roll Account, Special Fund—		
Amount unpaid on pay roll during the fiscal year		1,000 87
C. D. Greene, Jr., Secretary Lafayette Park—		
Boat hire during fiscal year		33 35
Thomas B. Rodgers, Clerk Circuit Court—		
Old and new jury fees	5,760 70	
Old and new judges' fees	3,143 35	
Stenographers' fees	5,371 40	
Surplus fees	36 88	
Fees belonging to others	283 73	
Change of venue	220 00	
		14,816 06
Archibald Carr, Clerk Criminal Court—		
Circuit Attorney's fees	182 50	
Jailers' fees	1,756 75	
Fees belonging to others	1,001 40	
		2,940 65
Alfred J. Wagenman, Clerk Court Criminal Correction—		
Prosecuting Attorney's fees	285 00	
Jail fees	952 50	
Fines and costs in city appeal cases	196 00	
Surplus fees	3,239 50	
Unclaimed witness fees	938 15	
Jury fees	9 00	
		5,620 15
Leo. Rassieur, Judge Probate Court—		
Unclaimed witness fees	7 00	
Unclaimed jury fees	372 00	
		379 00
Jno. F. McEnnis, Clerk First District Police Court—		
Fees for transcript in appeal cases		295 50
Adolph Kleintopf, Clerk Second District Police Court—		
Fees for transcript in appeal cases		55 50
Sloan Pitzer, Clerk South St. Louis Police Court—		
Fees for transcript in appeal cases		10 50
Louis Spies, Clerk First District Justice Court—		
Fees		674 55
Charles Boettger, Clerk Second District Justice Court—		
Fees	609 10	
Unclaimed fees	50	
		609 60
Charles J. Fox, Clerk Third District Justice Court—		
Fees		408 05
Peter J. Nolan, late Clerk Fourth District Justice Court—		
Fees		299 25
James Griffin, Clerk Fourth District Justice Court—		
Fees		585 65
N. H. Griffin, Clerk Fifth District Justice Court—		
Fees		151 00
Richard J. Carey, Clerk Sixth District Justice Court—		
Fees		212 85
A. C. Haumueller, Clerk Seventh District Justice Court—		
Fees		144 75
Michael J. Byron, Clerk Eighth District Justice Court—		
Fees		551 90
Wm. D. Hudson, late Clerk Ninth District Justice Court—		
Fees		192 55
George W. Locke, late Clerk Ninth District Justice Court—		
Fees		9 50
J. F. Sanders, Clerk Ninth District Justice Court—		
Fees		40 75
Edward Hunt, Constable First District—		
Fees		3,316 55

Philip Wolf, Constable Second District—		
Fees	$3,913 55	
Unclaimed fees	3 00	
		$3,916 55
Thomas Skidmore, Constable Third District—		
Fees		5,110 07
John T. Dolan, Constable Fourth Dtstrict—		
Fees		9,455 25
Benjamin F. Brady, Constable Fifth District—		
Fees	9,684 35	
Unclaimed	1 50	
		9,685 85
James P. Miles, Constable Sixth District—		
Fees	7,959 72	
Unclaimed fees	15 00	
		7,974 72
Henry Landwehr, Constable Seventh District—		
Fees		6,495 30
August Huettemann, Constable Eighth District—		
Fees		5,901 85
R. L. Lindsay, Constable Ninth District—		
Fees		4,741 50
State of Missouri—		
Lon. V. Stephens, State Treasurer—		
The State University Scholarship Fund—		
Amount received from March, 1896, to April 12, 1897	2,608 65	
J. M. Seibert, State Auditor—		
State's appropriation for the support of the indigent insane in the St. Louis Insane Asylum belonging to the State outside the City of St. Louis	20,000 00	
Annual apportionment of County Foreign Insurance Tax Fund for year 1896	17,968 67	
Amount due the city from State for the assessment of property for taxation for year 1896	37,468 56	
Rent of rooms for St. Louis Court of Appeals years 1895 and 1896	3,483 25	
		81,529 13
Payments by property owners for Street Improvements and Reconstruction—		
Mrs. H. Miehe—		
Improvement of Oregon avenue, Ordinance No. 18,459	135 00	
August Heman—		
Improvement of Washington boulevard, Ordinance No. 18,465	1,134 00	
Louis Hunt—		
Improvement of Lemp avenue, Ordinance No. 18,458	499 00	
Franklin Bank—		
Improvement of Garrison avenue, Ordinance No. 18,625	289 00	
Fair Grounds Real Estate Co.—		
Improvement of Vandeventer avenue, Ordinance No. 18,657	1,021 00	
Improvement of Vandeventer avenue, Ordinance No. 18,656	160 00	
Henry Becker—		
Improvement of Wyoming street, Ordinance No. 18,635	70 00	
Henry Eschrich—		
Excess for improvement of Grand avenue, Ordinance No. 18,673	1,396 00	
William Kralemann—		
Excess for improvement of Bell avenue, Ordinance No. 18,714	320 00	
W. F. Schurmeier—		
Excess for improvement Lincoln avenue, Ordinance No. 18,720	149 00	
Catherine Potthoff—		
Excess for improvement of north and south alley in City Block No. 1563, Ordinance No. 18,729	92 00	
W. W. Withnell—		
Excess for improvement of alley in City Block No. 2049, Ordinance No. 18,728	100 00	
Charles Kratz and G. Eyermann, Jr.—		
Excess for improvement of Ohio avenue, Ordinance No. 18,735	2,108 00	

Jno. H. Stidger and C. Valleroy—		
Excess for improvement of alley in City Block No. 1887, Ordinance No. 18,778	$40 00	
Mallinckrodt Chemical Works—		
Excess for improvement of Mallinckrodt street, Ordinance No. 18,699	54 00	$ 7,567 00
Payments by property owners for purpose of defraying Legal Expenses in Street Opening Cases—		
R. E. Schrick and Ernest Edwards, alley in Block No. 2267, Ordinance No. 18,384	91 00	
Charles A. Juengel, alley in City Block No. 820, Ordinance No. 18,508	153 00	
W. W. Withnell, trustee, alley in City Block No. 820, Ordinance No. 18,509	108 00	
J. T. Donovan, Donovan avenue, Ordinance No. 18,767	148 00	
J. T. Donovan, Loughborough avenue, Ordinance No. 18,768	153 00	653 00
Proceeds Sale of Real Estate under Ordinance No. 11,836—		
Wm. G. and Anna E. Buechner—		
Being purchase money and interest for lot in City Block No. 4003		1,127 45
Payments by Railroad Companies—		
Cass Avenue and Fair Grounds Railway Co.—		
Two and one-half per cent of gross receipts for year ending December 31, 1896	9,522 90	
Citizens Railway Co.—		
Annual payment required under Ordinance No. 11,528	10,000 00	
Compton Heights, Union Depot and Merchants' Terminal Railway Co.—		
Annual payment due July 1, 1896, under Ordinance No. 17,009	2,000 00	
Forest Park, Laclede Avenue and Fourth Street Railway Co.—		
Annual payment due January 1, 1897, under Ordinauce Nos. 15,601 and 17,072	3,500 00	
Grand Avenue Railway Co.—		
Annual payment due January 1, 1897, under Ordinance 17,047	1,000 00	
Jefferson Avenue Railway Co.—		
Two per cent on gross receipts for year ending December 31, 1896, under Ordinance No. 18,047	1,794 47	
Lindell Railway Co.—		
Annual payment due January 1, 1897, under Ordinance No. 15,445	1,000 00	
Missouri Railroad Co.—		
Two semi-annual payments required under Ordinance No. 14,483	3,000 00	
St. Louis & Meramec Railroad Co.—		
Annnal payment due January 1, 1897, under Ordiuance No. 18,231	1,000 00	
St. Louis, Merchants' Bridge and Terminal Railroad Co.—		
Annual payments due January 1, 1894, and January 1, 1895, under Ordinance No. 14,078	10,000 00	
St. Louis, Oak Hill and Carondelet Railway Co.—		
Annual payment due March 1, 1897, under Ordinance No. 14,739	500 00	
St. Louis Railroad Co.—		
Two semi-annual payments required under Ordinance No. 12,477	5,000 00	
St. Louis and San Francisco Railroad Co.—		
Full payment for amount ordered to be paid by the receiver for privilege of crossing under Grand avenue bridge, as per order of Special Master, under Ordinance No. 11,725	15,000 00	
St. Louis and Suburban Railway Co.—		
Payment due December 31, 1896, under Ordinances Nos. 15,547 and 15,954	1,000 00	
St. Louis Transfer Railway Co.—		
Annual payment due January 1, 1897, under Ordinance No. 12,975	1,000 00	
Southern Electric Railroad Co.—		
Annual payment due January 1, 1897, under Ordinances Nos. 14,089 and 17,693	11,000 00	

Southern Railway Co.—		
Annual payment due July 1, 1896, under Ordinance No. 17,185	$1,000 00	
Union Depot Railroad Co.—		
Annual payment due July 1, 1896, under Ordinance No. 17,021	1,000 00	
Vandeventer Avenue Railway Co.—		
Annual payment due January 1, 1897, under Ordinance No. 15,606	1,000 00	
		$79,317 37
Miscellaneous Payments—		
Charles Scudder, Treasurer—		
Interest on bonds belonging to the State University Scholarship Fund		62 05
Board of Police Commissioners—		
Rent of second floor of Police Station, Grand and Lafayette avenues, used as a residence by Captains Wm. O'Keeble and Michael O'Malley, from June 1, 1895, to April 1, 1896		506 65
Overpayment on April pay roll, account of suspension and dismissal of John Doerscher, nine days		25 00
Overpayment on May pay roll, to Robert Wilson		11 62
Overpayment on May pay roll, to Officer Scarry		18 80
Overpayment on May pay roll to Officer Hogan		13 44
Sale of unserviceable horses		227 00
Max Starkloff, Health Commissioner—		
Overpayment on March pay roll of Female Hospital		8 85
Overpayment on April pay roll, Female Hospital to Joseph Koehler		4 50
Overpayment on April pay roll, Insane Asylum, to Jno. Haggerty		1 40
Overpayment on May pay roll, Insane Asylum		4 52
Overpayment on July pay roll, Insane Asylum, to Philip Heime		57
Amount left by deceased patients at City Hospital		185 22
Amount left by deceased patients at Female Hospital		52 60
Carl Gaylor, Superintendent Street Bridges and Culverts—		
Amount overpaid G. Smith on May pay roll		20 00
M. L. Holman, Water Commissioner—		
Overpayment on May pay roll to P. Stamm		65 00
C. E. Swingley, Chief Fire Department—		
Overpayment on October pay roll to Wm. Snell		7 19
Overpayment on January pay roll to J. V. Campbell		11 61
Louis Wagner, Jailer—		
Overpayment on September pay roll to M. J. White		10 00
F. L. Ridgely, Park Commissioner—		
Overpayment on March pay roll, Benton Park		72 37
Overpayment on March pay roll, Carondelet Park		13 13
Overpayment on March pay roll, Carr Square		27 00
Overpayment on March pay roll, O'Fallon Park		11 94
E. R. Martin—		
Duplicate payment on voucher 107, Court, June 15, 1896		7 00
John R. Green—		
Duplicate payment on voucher 85, Law Department		6 50
Fred M. Eggling—		
Duplicate payment on voucher 233, City Hospital		4 44
Brockman & Traurnicht—		
Amount overpaid on voucher 237, City Hospital		11 04
Logewood, Kurtzborn & De Camp—		
Amount overpaid on voucher 264, Fire Department		6 00
Wm. B. Danna Co.—		
Overpayment on voucher 23, Interest account		17 60
Granite Rock Wool Co.—		
Duplicate payment on voucher 609, Water Works, October 15, 1896		40
St. Ann's Widows Home, I. A. and L. I. Hospital—		
Amount overpaid on account of Aloicus Racine		7 85
Thos. J. Leonard—		
Duplicate payment on voucher 422, Fire Department		10 13

James Richardson, Commissioner of Supplies—	
Overpayment on voucher 621, Fire Department, December 15, 1896, for one hundred feet of hose, to New York Belting and Packing Co.	$ 150 00
Union Iron Foundry Co.—	
Payment to vacate alley in Block 695, under Ordinance 18,485	519 35
Buck Stove and Range Co.—	
Payment to vacate First street from Mallinckrodt to Destrehan street and Alley in City Block 1208 under Ordinance 18,679	250 00
Pioneer Coopinger Co.—	
Payment to vacate alley in City Block 735, under Ordinance 18,795	300 00
Charles M. Newcomb—	
Payment to vacate parts of an alley running north and south in City Block 2246	200 00
Ben. H. Watkins—	
Delinquent special tax for sewerage on Lot 21, City Block 3054, under Ordinance 17,413	33 05
J. J. Hurley—	
Delinquent Special Tax Bill 752 for sewerage on Lot 20, City Block 885, having a front of 25 feet by a depth of $115\frac{17}{100}$ feet, redeemed under Ordinance 17,413	25 88
Louis Mottel—	
Delinquent special taxes for sewerage on Lot 4, City Block 3056, redeemed under Ord. 17,413	32 67
Catharine Soeder—	
Delinquent Special Tax Bill for sewerage on northern $37\frac{1}{2}$ feet of Lot 2, in City Block 3057, redeemed under Ordinance 17,413	49 01
Joseph Meyer—	
Delinquent special taxes on Lots 10 and 11, City Block 765, for opening Jackson street	3 46
Public Drinking Fountains—	
Payments made by sundry persons under special Ordinances for permits to erect Public Drinking Fountains as follows:	
Henry Eschrich, Ordinance 18,478	25 00
Robert Fritchle, " 18,579	25 00
Wm. M. Boyce, " 18,717	25 00
The Bell Telephone Co. of Missouri—	
Five per cent of gross receipts during year ending December 31, 1896, under Ordinance 12,724	21,021 74
St. Louis Automatic Refrigerating Co.—	
Two and one-half per cent of gross receipts during year ending December 31, 1895, under Ordinance 15,800	321 81
St. Louis Electric Light and Power Co.—	
Five per cent of gross receipts for year ending June 30, 1896, under Ordinance 12,723	5,083 69
Five per cent of gross receipts for the six months ending December 31, 1896, under Ord. 12,723	2,975 22
Cupples Station Light, Heat and Power Co.—	
Five per cent of gross receipts for six months ending December 31, 1896, under Ord. 12,723	80
Edison Illuminating Co. and Missouri Electric Light and Power Co.—	
Payment due January 1, 1897, jointly and severally under Ordinance 18,680	5,000 00
Emile Thomas, City Marshal—	
Amount received for house, stable and sheds situated on Rutger street, between Grand and Motard avenues, on land condemned for the opening of Rutger street	500 00
Sale of old building known as Sturgeon Market, situated on Broadway and North Market street	15 00
Fred. W. Rohlfing—	
Care and attendance of wife at the Insane Asylum for the year ending December 31, 1896	100 00
Changing Street Grades—Judgments—	
Payments made in full satisfaction of judgments rendered in Circuit Court of the City of St. Louis,	

April 3, 1893, in case of City of St. Louis vs. Farcos Lang, *et al.*, No. 87,600, in matter of changing grade of Hickory street, as described in awards of the Commission in report under Sec. 1816, R. S. 1889, as follows:		
John Holmes .... No. 6	$ 90 00	
John Holmes .... No. 7	75 00	
R. A. Goodwin .... No. 106	37 50	
George Haller, *et al*	87 50	
		$ 290 00
The State University Scholarship Income Account— Six months' interest due on Ten City of St. Louis Bonds; Nine Bonds, Nos. 601, 608, 1146, 1417, 1418, 1623, 1804, 1991, 2161, at $100 each, under Ordinance 11,702, and one at $1,000 at $3\frac{65}{100}$ %		34 67
Contracts and Other Deposits— Sundry special deposits made during the fiscal year		615,024 03
Total cash receipts for the fiscal year ending April 12, 1897		8,714,502 17
Balance in Treasury April 13, 1896		2,463,075 08
		11,177,577 25

EXPENDITURES.

TREASURER, Cr.

By warrants drawn during the fiscal year against the following accounts:

Assessment of revenue		$ 73,059	86
Assessor and Collector of Water Rates		57,118	75
Board of Engineers and Boiler Inspectors		11,583	42
Board of Health and Commissioner		84,372	02
Board of Public Improvements—President's Department		64,155	28
Catching and killing dogs		4,999	50
City Dispensary		46,728	78
City Hall, repairs and alterations		1,914	29
“ salaries and current expenses		12,219	70
City Hospital		129,274	27
“ Erysipelas Ward	Ordinance No. 17,969	3,142	70
“ constructing water closets	“ 18,003	2,150	85
“ temporary quarters, steam heating plant	“ 18,600	4,471	58
Cleaning levee and removing obstructions		6,432	87
Commissioner of Public Buildings		20,203	15
Commissioner of Supplies		11,803	35
Concerts in public parks		5,993	84
Contingent fund		25,840	14
Contract and other deposits		553,012	98
Coroner		17,349	97
Costs and legal expenses		40,429	06
Court House, repairs and alterations		3,074	31
“ salaries and current expenses		9,983	35
“ removal of coping	Ordinance No. 18,006	2,394	50
Courts		208,777	15
Election and registration		119,328	23
Electric light		236,631	74
Erection of New City Hall	Ordinance No. 15,558, etc.	160,098	33
Female Hospital		49,359	71
“ Lying-in Ward	Ordinance No. 18,092	9,997	50
Fire alarm telegraph		79,550	18
Fire Department		643,618	85
Firemen's Pension Fund		6,838	78
Four Courts, repairs and alterations		2,968	59
“ salaries and current expenses		12,952	78
Fund for numbering houses		2,472	95
Gas light		38,875	37
Gasoline lamps, maintaining		4,617	39
Harbor and Wharf, salaries and current expenses		13,202	64
Harbor Boat		14,157	52
House of Refuge		47,652	68
“ “ constructing water closets	Ordinance No. 18,002	380	70
Insane Asylum		90,470	23
Inspector of Weights and Measures		7,753	37
Insurance		10,786	75
Interest account		891,909	93
Jail		28,933	16
“ alterations and repairs	Ordinances Nos. 17,960 and 18,029	385	93
Judgments		3,895	77
Jury and witness fees		57,613	00
Jury Commissioner		9,380	93
Law Department		13,869	91
Lighting public buildings		55,954	05
Making back tax books and bills		3,676	66
Maps of the City of St. Louis	Ordinance No. 17,933	4,737	60
Markets		7,821	73
Marshal's office		21,543	99
Mayor's contingent fund		11,000	00
Milk Inspector		3,045	85
Morgue		4,926	35
Municipal Assembly		34,900	80
New City Hall, Court House and Four Courts Building		6,914	93
New City Hall, repairs and alterations		175	01
“ “ salaries and current expenses		6,849	79
Office expenses for Mayor, Comptroller, Auditor, etc		762	62
Opening streets expenses		14,991	58
“ Twentieth street	Ordinance No. 5,827	96	56
“ alley in Block 794	“ 6,668	125	20
“ N. Market street	“ 6,921	18	00
“ Kennett street	“ 7,450	207	50

Opening alleys in Blocks 1984-5	Ordinance	No. 7,722	$ 9 23
“ Market street	“	8,391	8 95
“ alley in block 690	“	10,065	32 30
“ “ “ 1883	“	10,227	6 23
“ “ “ 1977	“	10,944	45 00
“ “ “ 1244	“	10,945	40 00
“ East Jefferson avenue	“	11,028	166 66
“ alley in Block 1862	“	11,139	25 00
“ “ “ 327	“	11,280	40 00
“ Cozens avenue	“	12,940	20 00
“ alley in Block 1859	“	13,049	33 00
“ “ “ 2366	“	13,050	10 56
“ “ “ 3751	“	13,051	177 60
“ “ “ 1973–4–5	“	13,758	41 00
“ “ “ 3662	“	13,774	40 00
“ “ “ 3637	“	13,776	54 00
“ “ “ 3661	“	13,777	17 50
“ “ “ 3666	“	13,778	75 00
“ “ “ 3664	“	13,939	48 00
“ “ “ 1285	“	13,943	25 00
“ “ “ 2132	“	14,226	10 00
“ “ “ 2131	“	14,229	60 00
“ two alleys in Block 1873	“	14,822	88 00
“ Rappahannock street	“	15,312	87 00
“ alley in Blocks 646–7	“	15,385	19 50
“ “ “ 2313	“	15,441	25 00
“ Cottage avenue	“	15,624	33 00
“ alley in Block 3757	“	15,678	13 35
“ “ “ 3906	“	15,681	102 53
“ “ “ 3911	“	15,682	137 50
“ Compton avenue	“	15,725	414 00
“ alley in Block 4875	“	15,864	319 32
“ “ “ 3307	“	16,046	25 00
“ “ “ 3727	“	16,048	50 00
“ “ “ 3759	“	16,049	285 00
“ “ “ 4555	“	16,051	124 00
“ “ “ 2076–7	“	16,078	360 00
“ “ “ 3037	“	16,081	15 50
“ “ “ 2320	“	16,182	15 00
“ “ “ 4582–3	“	16,542	101 70
“ Lucky street	“	16,779	85 00
“ alley in Block 3760	“	17,055	50 00
“ Washington avenue	“	17,093	40 00
“ Howard street	“	17,271	187 00
“ Delmar avenue	“	17,272	1,800 00
“ King's Highway	“	17,273	215 50
“ Forest avenue	“	17,358	204 00
“ Virginia avenue	“	17,361	200 00
“ alley in Block 3762	“	17,366	60 00
“ “ “ 3763	“	17,367	110 00
“ “ “ 3769	“	17,371	525 00
“ “ “ 3771	“	17,372	120 00
“ Taylor avenue	“	17,457	660 00
“ alley in Block 3398	“	17,479	30 00
“ “ “ 3770s	“	17,480	272 00
“ “ “ 2422	“	17,634	50 00
“ Lexington avenue	“	17,636	688 42
“ Taylor avenue	“	17,795	905 60
“ alley in Block 1331n	“	17,917	50 00
“ “ “ 2304–5	“	17,919	801 20
“ “ “ 3723	“	17,920	70 00
“ Baldwin street	“	17,938	241 45
“ Hickory street	“	17,942	130 00
“ Ohio avenue	“	17,943	24 00
“ alley in Block 820n	“	18,060	72 00
“ “ “ 1519	“	18,061	256 00
“ Iowa avenue	“	18,088	604 50
“ alley in Block 3977	“	18,121	25 00
“ Minnesota avenue	“	18,178	2,621 70
“ McPherson avenue	“	18,180	8,601 05
“ alley in Block 3774	“	18,216	210 00
“ “ “ 3768e	“	18,217	840 00
“ “ “ 2269	“	18,219	604 80
“ Meramec street	“	18,240	1,661 75
“ Allen avenue	“	18,306	12,150 00
“ Rutger street	“	18,307	18,685 80
“ Vandeventer avenue	“	18,308	11,623 00
“ alley in Block 3785	“	18,360	306 30
“ “ “ 3786	“	18,361	556 00
“ Lucky street	“	18,362	3,979 20

Widening Nineteenth street	Ordinance No. 18,373	$ 900 00
Opening Wisconsin avenue	“ 18,473	13,163 35
“ N. Market street	“ 18,490	19,660 05
“ Lindell avenue	“ 18,512	1,000 00
“ alley in Block 3787	“ 18,587	1,388 00
“ “ “ 3788	“ 18,588	3,396 80
“ “ “ 3789	“ 18,589	1,098 75
“ “ “ 3791	“ 18,590	2,496 00
Widening Ashland avenue	“ 18,597	8,417 50
Opening Tower Grove avenue	“ 18,604	11,749 00
“ Union avenue	“ 18,605	12,640 00
“ alley in Block 2287	“ 18,606	6,118 00
“ “ “ 2964	“ 18,686	687 20
“ “ “ 2970	“ 18,687	463 00
“ “ “ 2981	“ 18,688	322 70
“ “ “ 3721	“ 18,689	1,247 40
“ “ “ 4556	“ 18,691	1,350 00
“ “ “ 4575	“ 18,692	197 00
“ “ “ 4576	“ 18,693	496 50
“ “ “ 5152	“ 18,695	1,910 00
“ “ “ 5153	“ 18,696	1,910 00
“ Taylor avenue	“ 18,700	905 20
“ McRee avenue	“ 18,702	300 00
“ Sydney street	“ 18,762	17,595 00
“ Cora avenue	“ 18,809	5,553 00
Park Commissioner		8,199 50
Benton Park		4,621 06
Carondelet Park		5,652 05
Carr Square		1,170 82
Forest Park		45,118 14
“ Propagating houses	Ordinance No. 18,222	3,533 45
Fountain Park		544 25
Gamble place		639 80
Gravois Park		1,092 97
Hyde Park		3,885 11
Jackson place		665 76
Kendrick Garden		14 00
Laclede Park		923 25
Lafayette Park		18,027 53
Lyon Park		1,709 21
O'Fallon Park		7,898 57
“ Constructing lake	Ordinances Nos. 17,823 and 18,031	1,902 05
St. Louis place		4,062 58
South St. Louis Square		771 46
Tower Grove Park		25,000 00
Washington Square		674 40
Pay roll account, special fund		816 72
Plumbing Inspection Department		13,159 26
Police, Salaries of Chief, Captains, Sergeants, Patrolmen, etc.		827,426 19
Police, all other salaries and current expenses		147,024 85
Police, Erection of station houses, and purchase of lots		3,489 00
Poor House		122,807 58
“ Bakery		25,204 78
“ Dairy		2,139 55
“ Disposal of sewage	Ordinance No. 17,754	194 90
“ Temporary quarters	“ 18,682	4,999 94
“ Addition to boiler plant	“ 18,808	150 00
Printing and Stationery for Mayor, Comptroller, etc		14,856 05
Public buildings, repairs		13,314 29
Public library, special fund		70,927 84
Public drinking fountain	Ordinance No. 18,161	68 25
Purchase of lot and construction of engine house	“ 18,676	1,509 50
Purchase of lot for engine house	“ 18,791	2,112 15
Quarantine and small pox hospital		10,483 42
Real estate account		3,963 04
Recorder of Deeds		46,210 08
Reconstructing Engine House No. 7	Ordinance No. 18,756	9,420 50
Redemption of bonds		322,518 41
Reduction of garbage		65,689 48
Refunding meat shop licenses	Ordinance No. 14,083	267 75
Relief of Gustav Hobush	“ 18,385	75 00
“ John Smith	“ 18,396	135 00
“ Carl Bajohi	“ 18,408	357 00
“ Mrs. Agnes R. Pitkin	“ 18,479	750 00
“ Henry Hiemenz, Jr.	“ 18,491	461 35
“ Nicholls Ritter R. & F. Co.	“ 18,492	592 25
“ Wm. J. Brennan and Sarah A. McNamee	“ 18,493	232 50
“ A. P. DeCamp	“ 18,494	280 00
“ H. L. Cornet	“ 18,495	473 65
“ H. L. Cornet	“ 18,496	474 70

Relief of Isaac N. Miller	Ordinance No. 18,497	$ 263	50
" Isaac N. Miller	" 18,498	389	87
" Euclid Park Improvement Co.	" 18,499	632	70
" Connecticut Mutual Life Insurance Co., *et al*	" 18,500	983	15
" Marada Real Estate Co.	" 18,501	225	00
" C. W. Rutledge, etc	" 18,502	1,050	00
" Thos. Noonan	" 18,503	1,145	30
" C. C. Newberry	" 18,504	585	00
" Dr. H. F. James	" 18,483	300	00
" John W. Keuser	" 18,769	20	00
" August Bensinger	" 18,770	17	00
Removal of garbage		98,749	82
Repairs of dykes, wharf and river bank		24,768	26
Repairs of New City Hall	Ordinance No. 18,414	11,774	04
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer		73,473	94
Scales		5,131	99
Scavenger dumps, construction and repairs		1,245	77
" " salaries and current expenses		6,848	92
Sewer contract account		48,454	10
Sewers, salaries, current expenses and repairs		90,651	75
Signs for street names	Ordinance No. 18,365	11,022	15
Soulard Market repairs	" 18,725	990	00
Special attorney's fees		2,500	00
Special tax, improving Louisiana avenue	Ordinance No. 17,991	554	61
" " Wyoming street	" 18,516	909	57
" " Indiana avenue	" 18,518	585	22
" Arsenal street sewer, District No. 32	" 18,754	7	33
" Davis street sewer, District No. 12	" 18,755	41	88
" improving Florissant avenue	Ordinances Nos. 18,471 and 18,756	557	61
" " Rauschenbach avenue	Ordinance No. 18,627	586	64
Sprinkling streets		102,494	09
" "	Ordinance No. 14,911	1,958	00
Street and alley contract account		61,576	51
Street bridges and culverts, contract account		9,314	84
" " " Miscellaneous and repairs		28,360	10
Street cleaning, block system		24,815	75
" " floating dumps		10,648	59
" " labor and carts		142,346	99
" " stone and wood blocks and asphaltum pavements		73,424	32
Street Commissioner's Department		73,972	12
Street grades and surveys		11,692	98
Street reconstruction, contract account		2,485	38
Street repairs, macadam and other material		102,761	04
" " miscellaneous expenses		118,020	70
" " reconstructed streets		39,622	97
" " salaries		26,365	56
Streets, special service		2,999	88
Temporary wharf, South St. Louis	Ordinance No. 18,578	12,747	34
The State University Scholarship Fund		3,624	35
" " " Income Account		51	45
Water pipe contract account		264,362	95
Water works		446,247	74
Water Works Extension—			
Salaries and expenses		43,318	48
Low service engine at Chain of Rocks	Ordinance No. 15,298	32,282	54
High service engines Nos. 7 and 8	" 17,006	83,114	03
Pumping engines No. 6 and 7	" 17,263	44,542	45
Foundation for engine, etc., at Baden	" 17,339	28.111	49
Pump Main No. 7	Ordinance No. 17,652	5,857	91
Buildings at High Service Pumping Station. No. 3	" 17,737	92,935	74
High service pumping engines Nos. 9 and 10	" 18,085	39,197	30
Pump Main No. 8	" 18,563	35,308	55
Stand Pipe at Compton Heights Reservoir	" 18,565	1,199	54
Witness and other fees, special fund		457	55
Work House		57,579	37
Total warrants drawn during the fiscal year		8,581,372	72
Amount of Auditor's warrants unpaid April 13, 1896		116,375	19
		8,697,747	91
Less warrants unpaid April 12, 1897		222,251	76
		8,475,496	15
Balance in Treasury, April 12, 1897		2,702,081	10
		11,177,577	25

DETAILED STATEMENT OF EXPENDITURES.

Assessment of Revenue—			
Salaries of President and employes		$ 48,684 11	
" District Assessors		18,000 00	
" Board of Equalization		672 00	
" Temporary clerks		741 49	
Advertising	$ 172 54		
Books and binding	1,149 55		
Printing and stationery	1,530 05		
Postage	315 00		
City directories	48 00		
Telephone and clock rental	118 00		
Furniture and repairs, water cooler and filter, etc.	323 35		
Carpets, linoleums and shades	217 93		
Neostyle and table	38 65		
Making cases	536 69		
Making and painting signs, cleaning books	112 50		
		4,562 26	
Buggy Hire		400 00	
			$73,059 86
Assessor and Collector of Water Rates—			
Salaries of Assessor and employes		52,607 23	
Horse board	1,090 45		
" shoeing	118 05		
Harness and vehicle repairs, halters	305 85		
Clipping horses	12 50		
New horse	85 00		
Car tickets	850 00		
Printing and stationery	1,274 84		
Postage	552 00		
City directories, maps and repairs, dating stamps, pads, etc	27 75		
Towels and washing	60 00		
Subscription to Counterfeit Detector	3 00		
Soap, matches, dusters, candles, paste, shovels and buckets	35 43		
Furniture and repairs, clocks and stoves	43 55		
Repairing keys, wrenches and spoons	53 10	4,511 52	
			57,118 75
Board of Engineers and Boiler Inspector—			
Salaries of inspector, deputies, clerk and members of the Board		9,399 35	
Horse board	713 40		
" shoeing	85 50		
Vehicle hire	43 00		
Veterinary services and medicine	23 50		
Harness and vehicle repairs	209 70		
Printing and stationery, City Directory	337 02		
Postage	30 00		
Car tickets	175 00		
Storing and repairing stoves	19 20		
Apparatus and repairs	254 75		
		1,881 07	
Horse, wagon and harness		303 00	
			11,583 42
Board of Health and Commissioner—			
Salaries of the commissioner, members of the Board, etc.		22,986 01	
Horse board	448 60		
" shoeing	46 90		
" and vehicle hire	211 00		
Harness and vehicle repairs	192 90		
Car tickets	30 00		
Advertising	397 34		
Printing and stationery	1,126 35		
Postage	117 00		
Telephone rental, electric fan	158 75		
Directories, rubber stamps, aquarium, matches and gloves	22 90		
Furniture and repairs, linoleum, stoves and signs	142 10		
Services of stenographer	18 50		
Traveling expenses of Members of Board	87 00		
		2,999 34	

City Chemist—			
Apparatus, chemicals, medical books, etc	$ 802 08		
Printing and stationery, rubber stamps	198 14		
Postage	6 00		
Car tickets	80 00		
Horse and vehicle hire	96 00		
Veterinary services	35 00		
Guinea pigs and forage for same	88 47		
Fuel, gas, electric light and repairs	245 34		
Telephone rental	100 00		
Soap, matches, brooms, brushes, mops and chamois	19 45		
Cleaning rooms and washing towels	590 75		
Rent of rooms	780 00		
Carpentry work, making cases, etc	173 55		
Expenses attending Convention	165 00		
		$ 3,379 78	
Sanitary Division—			
Salaries of Sanitary Officers, Inspectors and Fumigators		38,584 91	
Horse board	1,797 54		
" shoeing	246 40		
" and vehicle hire	615 00		
Veterinary services and medicines, clipping horses	60 75		
Harness and vehicle repairs, horse blankets, etc.	832 40		
Car tickets	1,173 00		
Printing and stationery	1,489 21		
Postage	320 00		
Directories, badges, shields, rubber stamps and scale	40 85		
Soap, mops, brushes, dusters, lye, cuspidors, towels, etc	27 25		
Furniture and repairs, shades, rat traps and stove repairs	154 66		
Clothing and bedding destroyed	20 00		
Copy of opinion	3 00		
		6,780 06	
Wages of laborers		1,880 00	
Rent of rooms		1,080 00	
Vaccine virus		569 20	
Disinfectants		4,111 29	
Bacteriological examinations		2,001 43	
			$ 84,372 02
Board of Public Improvements—President's Department—			
Salaries of President, Secretary and employes		32,280 63	
Salaries of Architect, Superintendents of Construction, Inspectors, etc., at New City Hall		11,860 92	
Salaries of temporary clerks on special tax bills		2,807 50	
Salaries of Smoke Inspectors		3,600 00	
Salaries of civil engineers, field hands and draughtsmen temporarily employed		1,375 40	
Advertising	8,675 13		
Printing and stationery, city directories	2,487 03		
Draughtsmen and Surveyors' supplies and repairs	390 55		
Postage	71 00		
Car tickets	130 00		
Rubber stamps, numbering machine, typewriter repairs	50 50		
Furniture and repairs, water cooler, ladder, clock, shades and stove repairs	129 62		
Clock rental	12 00		
Carriage hire	37 00		
Testing coal, etc.	98 00		
Plans and specifications for electric lighting at New City Hall	150 00	12,230 83	
			64,155 28
Catching and killing dogs			4,999 50
City Dispensary—			
Salaries of physicians, assistants, etc		16,496 06	
" physicians and ambulance drivers at branch dispensaries		8,254 00	
Salaries of physicians temporarily employed		535 00	
Wages of Temporary help	3,217 98		
Charity prescriptions	1,121 50		
Surgical instruments, supplies and repairs	548 86		
Drugs and medicines, domestic for bandages	1,590 79		
Horse Board	5,466 28		
" shoeing	874 33		
" and buggy hire	345 75		

Harness and vehicle repairs, lap robes, whips and blankets	$ 2,065 75		
Veterinary services and medicines	205 25		
Clipping machine and wagon jack	48 25		
Printing and stationery, city directory and map	629 15		
Car tickets and postage	184 00		
Telephone rental, electric fan repairs	75 50		
Gas for fuel, ice	88 32		
Oil, soap, buckets, hose, mops, brooms, bath tubs, signs, etc	86 74		
Furniture and repairs, water cooler, clock, linoleum, cuspidors and radiators	445 87		
Miscellaneous expenses, vaccinating	5 50		
		$ 16,999 82	
Fitting up rooms and drug store		343 98	
Rent of rooms		1,399 92	
Horses		1,200 00	
New ambulances		1,500 00	
			$ 46,728 78
City Hall, Repairs and alterations—			
Carpentry and locksmithing	305 53		
Plumbing repairs	343 31		
Glazing	41 46		
Repairing roof	520 50		
Brickwork repairs	6 37		
Repairing and sweeping chimneys	86 05		
		1,303 22	
Papering, painting and whitening offices and walls		18 00	
Repairing damage done by tornado		593 07	
			1,914 29
City Hall, Salaries and Current Expenses—			
Salaries of janitors and watchman		7,920 00	
Awnings and repairs, flag	235 18		
Fuel	2,183 34		
Ice	759 12		
Hauling ashes and rubbish	108 78		
Towels and washing	477 90		
Night watch signal service	36 00		
Soap, sponges, mops, matches, brooms, brushes dusters, chamois, disinfectant and toilet paper	429 13		
Ladders, door mat, glasses, hose, stencil and stove repairs	70 25	4,299 70	
			12,219 70
City Hospital—			
Salaries of Superintendent and employes		31,788 24	
Groceries and provisions	12,051 42		
Meat and fish	11,988 64		
Bread	3,726 34		
Milk	5,770 41		
Vegetables	1,546 78		
Fuel	4,388 91		
Ice	3,499 17		
		42,971 67	
Drugs and medicines	4,514 65		
Surgical instruments and supplies	2,556 30		
Whiskey and wine	407 98		
Vaccine virus and antitoxine	11 00		
Disinfectants and crystal water	728 40		
Crinoline and domestic for bandages	480 89		
		8,699 22	
Dry goods, clothing and bedding	3,843 95		
Glassware, tinware, kitchen utensils, water coolers, knives, etc	765 00		
Carpets, linoleum, mats, shades, baskets and awnings	461 01		
Furniture and repairs, range and fixtures	1,033 44		
Hardware, saws, axes, lanterns, wheelbarrows, etc	523 86		
Slippers, straps and leather wristlets	681 25		
Sole leather and findings	83 21		
Soap, soda, mops, matches, brooms, buckets, brushes, sponges, dusters, starch and twine	830 26		
Refrigerators	335 00		
Sewing machine and repairs	39 14		
Laundry work	558 01		
Scale inspection and repairs	42 25		
		9,196 38	
Forage	371 79		
Horse shoeing	41 00		
Horse bedding and stable supplies	40 20		
Engineer's supplies and repairs	102 33		

Gardener's tools and supplies	$ 95 30		
Printing and stationery, city directory, rubber stamps	953 75		
Postage	30 00		
Car tickets	55 00		
Telephone rental	10 00		
Coffins and lumber for same	279 90		
Ambulance hire—Moving furniture, etc	240 60		
		$ 2,219 87	
Labor and Material for Repairs of Buildings, including Repairs of Boilers, Machinery, and Steam Heating Apparatus, Requiring Prompt Attention—			
Plumbing, steam fitting and supplies	149 05		
Oils, paints, white lead, putty, turpentine and varnish	564 58		
Hardware, screws, keys, pipe, pulley, wire cloth and padlocks	98 40		
Lumber	151 20		
Brick, sand, lime and cement	100 35		
Re-topping chimneys	471 55		
		1,535 13	
Labor and Material for Alterations and Repairs Necessary in Fitting up Temporary Quarters for Hospital Purposes—			
Labor	3,022 93		
Material	14,716 80		
		17,739 73	
Boarding patients		1,643 85	
Rent of temporary quarters		10,000 00	
Granitoid floor in basement		529 35	
Enlarging the laundry		449 00	
Water filter		650 00	
Bills unpaid at beginning of fiscal year		1,851 83	
			$ 129,274 27
City Hospital—Erysipelas Ward, Ordinance 17,969			3,142 70
City Hospital—Constructing water closets, Ordinance 18,003			2,150 85
City Hospital—Steam heating apparatus temporary quarters, Ordinance 18,600			4,471 58
Cleaning Levee and Removing Obstructions—			
Wages of laborers		6,416 37	
Hauling hose and ashes		16 50	
			6,432 87
Commissioner of Public Buildings—			
Salaries of Commissioner, Deputy, Inspectors, Clerk and Draughtsmen		13,766 63	
Salaries of Local Superintendent, temporarily employed		1,550 00	
Horse board	1,541 80		
Horse shoeing	168 35		
Harness and vehicle repairs, horse covers and lap robes.	407 90		
Veterinary services and clipping horses	25 25		
Horse hire	9 00		
Car tickets	50 00		
Printing and stationery, city directory.	719 10		
Draughtsmen supplies and repairs	106 36		
Postage	80 00		
Furniture and repairs, stove repairs, etc	70 86		
		3,178 62	
Horse, two buggies and four sets of harness		350 00	
Salary of Local Superintendent, unpaid at beginning of fiscal year		222 50	
Bills unpaid at beginning of fiscal year		1,135 40	
			20,203 15
Commissioner of Supplies—			
Salaries of Commissioner, Deputy, Bookkeeper and Clerks		9,499 92	
Advertising	1,712 09		
Printing and stationery, city directory	444 74		
Postage	75 00		
Car tickets	10 00		
Clock rental	12 00		
Furniture and stove repairs, rubber stamps and electric fan	49 60	2,303 43	
			11,803 35
Concerts in Public Parks—			
Advertising and printing		65 84	
Music under contract		5,928 00	
			5,993 84

Contingent Fund—			
National Guard Armory—			
Taxes	$ 292 76		
Fuel	19 63		
Light	718 40		
Water	177 00		
Salaries of janitors	1,200 00		
		$ 2,407 79	
Light Battery "A," National Guard of Mo. Armory—			
Janitor's service	565 98		
Light and fuel	340 69		
		906 67	
Salaries of Investigating Committee		1,500 00	
Care of foundlings		12,428 29	
Rent of vault for safe deposit of documents		900 00	
Stenographers' services to Charity Commissioners, stamps, etc	30 00		
Support of indigent pupils at the Deaf and Dumb Asylum, Fulton	640 20		
Support of boys committed to the Missouri Reform School at Boonville	6,970 94		
Care of Lulu Wegman at State Industrial School	56 25	7,697 39	
			$ 25,840 14
Coroner—			
Salaries of Coroner, Deputies and Clerk		8,524 92	
Printing and stationery, city directory	237 95		
Postage	22 50		
Telephone rental	100 00		
Furniture and repairs, carpet and water cooler	171 80		
Horse board	432 00		
" shoeing and clipping	45 65		
" and vehicle hire	76 00		
Harness and vehicle repairs, lap robe	117 90		
		1,203 80	
Jury and witness fees	1,764 50		
Stenographers' fees	2,021 60		
Recovering bodies	28 50		
Coffins and expenses of burial	1,726 40		
		5,541 00	
Post mortems		2,000 00	
Bills unpaid at beginning of fiscal year		80 25	
			17,349 97
Costs and Legal Expenses—			
Misdemeanor cases—			
Fee bills, Criminal Court	10,839 16		
" Court of Criminal Correction	24,500 42		
Meals furnished juries in Criminal Court	589 50		
		35,929 08	
Civil cases—			
Costs, City defendant	793 58		
" " plaintiff	552 90		
Special juries	1,341 12		
Printing briefs, copies of opinions, blanks, transcripts, etc	1,017 18		
Notary fees	1 50		
Stenographer fees	194 55		
Expert witnesses	330 00		
City Counselor's traveling expenses to various points	269 15	4,499 98	
			40,429 06
Court House, Repairs and Alterations—			
Carpentry and locksmithing	50 50		
Plumbing and steam fitting	483 39		
Repairing roof and dome	16 34		
Painting and reglazing	164 44		
Plastering and replacing tiles, etc	131 00		
Copper roof and down spouts	1,118 51		
Electric repairs	74 00		
		2,038 18	
Papering, painting and whitening offices and halls		396 00	
For removal of steam and return pipes in heating system, and smoke consumer		640 13	
			3,074 31
Court House—Salaries and Current Expenses—			
Salaries of Janitors, Engineers and Watchman		5,520 00	
Salary of Assistant Engineer		420 00	
Salaries of Firemen		950 00	
Awnings and repairs	203 18		
Ice	518 23		
Fuel	1,184 24		

Hauling ashes and rubbish	$231 10		
Towels and washing	401 92		
Engineer's tools and supplies	5 15		
Flags, iron hoods, locks, keys and rope	47 35		
Soap, salt, sponges, soda, mops, matches, brooms, brushes, buckets, dusters, twine and toilet paper	288 48		
Disinfectants and boiler compound	203 80		
Repairing clock, rubber stamps and electric bell	9 90	$ 3,093 35	
			$ 9,983 35
Court House—Removal of coping, Ordinance 18,006			2,394 50
Courts—			
Circuit Court—			
Salaries of Judges, Stenographers and Janitors	42,260 00		
Printing and stationery	2,528 84		
City Directories	60 00		
Rent of dating stamps	31 85		
Typewriter and repairs	66 30		
Furniture and repairs, water cooler, fixtures, shades, etc	371 85		
Clock and telephone rental, carpentry work and office expenses	225 95		
Carpets, linoleum, matting, rugs, etc	369 80		
Papering	106 15		
Sheriff's attendance	15,659 40		
		61,680 14	
Probate Court—			
Printing and stationery	878 03		
Rubber stamps, pad and rack	9 30		
Furniture and repairs	46 15		
Sheriff's attendance	1,107 60		
		2,041 08	
Criminal Court—			
Salaries of Judge, Circuit Attorney, Clerk and Reporter	19,848 20		
Deficiency on account of salary of Clerk of Criminal Court	1,222 35		
Printing and stationery	2,639 00		
Telephone rent	100 00		
Making cases and painting signs	68 50		
Furniture and repairs, water cooler, clock and cabinet	427 40		
Carpets, linoleum, shades and repairs	463 18		
Sheriff's attendance	7,535 40		
		32,304 03	
Furniture and carpets for additional Circuit Courts		1,584 80	
Court of Criminal Correction—			
Salaries of Judge, Prosecuting Attorney, and Assistant	9,999 84		
Printing and stationery	973 71		
Postage	45 00		
City directories	12 00		
Telephone rental	10 00		
Furniture and repairs, water cooler, etc	166 43		
Carpets—Cleaning and laying	442 76		
Sheriff's attendance	2,182 80		
		13,832 54	
First District Police Court—			
Salaries of Judge, City Attorney and Clerk	7,099 92		
Printing and stationery	340 59		
Clock repairs	2 50		
Bills unpaid at beginning of fiscal year	60 00		
		7,503 01	
Second District Police Court—			
Salaries of Judge, Attorney and Clerk	5,859 96		
Rent	900 00		
Printing and stationery	283 79		
Fuel and ice	50 46		
Postage	10 00		
Soap, mops, saw dust, chamois, towels, brushes and shovels	28 15		
Matting	61 20		
Flag and staff	64 50		
Plumbing and carpentry repairs	38 60		
Repairing clock and stoves, hauling ashes	73 32		
		7,369 98	
South St. Louis Police Court—			
Salaries of Judge, Attorney and Clerk	2,013 70		
Printing and stationery, city directory	35 10		
Postage	7 00		
Fuel	5 50		

Mops, sponges, chamois, brushes, dusters and shades	$10 10	
Stove and repairs	15 25	
		$ 2,086 65
Justice of Peace Courts Expenses—		
First District—		
Salaries of Justice, Clerk, Constable and Deputies	7,299 96	
Rent	720 00	
Printing and stationery	150 15	
Car tickets and vehicle hire	324 80	
City directory	6 00	
		8,500 91
Second District—		
Salaries of Justice, Clerk, Constable and Deputies	7,265 14	
Rent	900 00	
Printing and stationery	66 03	
Car tickets and vehicle hire	255 00	
City directory	6 00	
		8,492 17
Third District—		
Salaries of Justice, Clerk, Constable and Deputies	7,299 96	
Rent	780 00	
Printing and stationery, city directory	203 93	
Postage	35 40	
Car tickets and vehicle hire	288 00	
Painting and lettering signs, etc	40 00	
Watching office, cleaning carpets and carpentry	63 00	
		8,710 29
Fourth District—		
Salaries of Justice, Clerk, Constable and Deputies	7,269 69	
Rent	1,440 00	
Printing and stationery	326 07	
Postage	43 60	
City directories	12 00	
Car tickets and vehicle hire	400 00	
Furniture and repairs, gas fixtures and stove repairs	67 10	
Cleaning carpet	5 65	
Painting and lettering	8 60	
		9,572 71
Fifth District—		
Salaries of Justice, Clerk, Constable and Deputies	7,299 96	
Rent	2,100 00	
Printing and stationery	268 43	
Car fare and vehicle hire	435 00	
City directory	6 00	
Furniture and repairs	23 50	
Painting and lettering	43 60	
Awning repairs	8 00	
Toilet supplies	12 00	
Ice	32 61	
Typewriter and stand	89 50	
		10,318 60
Sixth District—		
Salaries of Justice, Clerk, Constable and Deputies	7,299 96	
Rent	840 00	
Printing and stationery, city directory	98 45	
Postage	43 00	
Car fare and vehicle hire	301 00	
		8,582 41
Seventh District—		
Salaries of Justice, Clerk, Constable and Deputies	7,299 96	
Rent	720 00	
Printing and stationery	49 39	
Postage	12 00	
City directory	6 00	
Car fare and vehicle hire	250 40	
Awning and repairs	10 00	
Rubber stamps	2 50	
		8,350 25
Eighth District—		
Salaries of Justice, Clerk, Constable and Deputies	7,299 96	
Rent	1,080 00	
Printing and stationery	221 77	
Postage	110 75	
Car fare and vehicle hire	360 50	
Awnings	5 00	
		9,077 98

Ninth District—			
Salaries of Justice, Clerk, Constable and Deputies	$7,297 46		
Rent	900 00		
Printing and stationery, city directory	119 80		
Postage	33 75		
Car fare and vehicle hire	362 50		
Safe	25 00		
Rubber stamps	1 30		
Toilet supplies	6 75		
Ice	23 04	$ 8,769 60	
			$ 208,777 15
Election and Registration—			
Salaries of Election Commissioners and Assistants		35,881 79	
Salaries of Judges and Clerks of election		43,452 00	
Rent of registration offices and polling places		7,468 00	
Services of Circuit Clerk in connection with election		700 00	
Advertising	6,096 31		
Postage	1,252 70		
		7,349 01	
Ballot boxes	1,695 30		
Booths	2,475 00		
Signs	407 08		
Tables	1,215 00		
Delivering, returning, storing and repairing booths	2,230 89		
		8,023 27	
Printing and stationery	4,990 71		
Printing list of voters	4,038 13		
Printing and folding ballots	2,301 20		
City directories, blue book and papers	52 50		
Rubber stamps, pads, typewriter and rent, seals, etc.	408 15		
Maps and cases	1,034 68		
Telephone rental and booth	295 00		
Car tickets	20 00		
Horse and vehicle hire	683 00		
Electric fans	45 00		
Furniture and repairs, water cooler, stoves and repairs	1,080 52		
Carpets, linoleum, mats, matting, rugs and shades	431 34		
Chamois, brooms, matches, mops, buckets, sponges and glasses	45 43		
Building vault	486 01		
Carpentry and locksmithing, painting signs, cleaning rooms, etc	393 49		
Moving boxes, books and furniture	77 00		
Traveling expenses of Election Commissioner	72 00	16,454 16	
			119,328 23
Electric Light—			
Lighting streets, alleys and parks		214,892 92	
Salaries of Supervisor, Clerks, Inspectors and Draughtsmen		18,144 35	
Wages of laborers and messengers		223 75	
Horse board	1,413 55		
Horse and vehicle hire	63 00		
Car tickets	125 00		
Printing and stationery, city directory	804 16		
Postage	105 00		
Draughtsmen supplies and repairs	82 10		
Dusters, oil, brushes, candles, rubber stamps, etc	99 97		
Furniture and repairs, stove, mats, etc	277 05		
Telephone rental	202 50		
Electrical instruments and repairs	198 39	3,370 72	
			236,631 74
Erection of New City Hall, Ordinance 15,558, etc., etc—			
Services of architects		1,943 94	
Fire-proofing under contract		18,400 58	
Constructing steam heating and ventilating plants and foundations for boilers		40,164 40	
Granitoid and plank walks around New City Hall		2,192 27	
Grading around New City Hall		2,038 49	
Constructing conduits		8,544 35	
Sewering, plumbing and gas fitting		14,120 01	
Brick and concrete work, cleaning brick work		13,050 46	
Painting iron work, roof, trusses, towers, etc		1,857 60	
Electric wiring and preparing for same		22,640 45	
Constructing window frames		14,493 00	
Iron work, stairs and ceiling		11,992 90	
Plastering		4,486 18	

Cleaning rubbish, preparing for boiler test and fuel.		$1,758 33	
Constructing and furnishing Election Commissioner's rooms		2,415 37	
			$160,098 33
Female Hospital—			
Salaries of Superintendent and employes		19,321 83	
Groceries and provisions	$4,968 58		
Meat and fish	5,422 57		
Bread	1,257 94		
Milk	2,957 83		
Ice	1,085 10		
Fuel	2,053 21		
Vegetables	251 34		
		17,996 57	
Drugs and medicines	2,616 52		
Surgical instruments, supplies and repairs	573 50		
		3,190 02	
Dry goods, clothing and bedding, flags	1,195 97		
House furnishing goods, linoleum, shades, etc	524 13		
Glassware, tinware, knives, forks, spoons, incubator	435 65		
Slippers, wristlets and straps	108 12		
Sewing machine repairs	3 00		
Scale inspection and repairs	6 25		
Soap, soda, lye, polish, gasoline, blueing, starch, oil, blacking	513 55		
Brooms, brushes, buckets, baskets, ink, mops, matches, twine, etc	181 60		
		2,968 27	
Forage	121 81		
Horse shoeing	26 20		
Harness and vehicle repairs	17 13		
Printing and stationery, city directory	466 12		
Postage	56 00		
Car tickets	45 00		
Telephone rent	5 00		
Typewriter desk and repairs	9 20		
Lumber for coffins	45 00		
Engineer's tools, supplies and repairs	280 46		
Gardeners' tools and supplies	279 19		
		1,351 11	
Labor and material for the repairs of buildings, including repairs of boilers, machinery and steam heating apparatus requiring prompt attention—			
Paints, oil, varnish, white lead, putty and brushes	427 57		
Sand, lime and plaster of paris	8 80		
Lumber	270 69		
Hardware, nails, bolts, screws, bells and ladder	108 08		
Plumbing and electrical supplies and repairs, pump repairs	934 47		
Repairing elevator and engine	486 54		
Repairing roof, gutters and spouts	23 61		
Painting and repairing smoke stack	14 00		
Brick and granitoid work	197 00		
		2,470 76	
Repairing heating apparatus and radiators		494 56	
Window guards		82 00	
Furnishing lying-in building		1,484 59	
			49,359 71
Fire Alarm Telegraph—			
Salaries of Superintendent and employes		24,300 00	
Wages of laborers reconstructing old lines	18,541 81		
Instruments and repairs	1,268 10		
Insulators, pins, climbers, fuses, zincs, wire, pipe, braces, switches and keys	8,148 90		
Lumber, poles, pins, cross arms and cleats	6,254 40		
Hauling poles	690 50		
Hardware, nails, screws, axes, shovels, saws, ladders and diggers	203 09		
Rubber boots and gloves	51 50		
Paints, oil, glass, sulphate copper, charcoal and ammonia	262 75		
Telephone and clock rentals, time signals	412 50		
Taking down bell tower and carpentry	110 35		
Repairing granitoid around poles	91 90		
Horse	90 00		
" board	2,376 00		
" shoeing	309 20		
" and vehicle hire	1,523 50		
" clipping	2 00		
Veterinary services and medicines	33 75		

Harness and vehicle repairs and supplies, feed bags, etc.	$779 45		
Car tickets	50 00		
Printing and stationery, city directory	213 79		
Postage	5 00		
Sponges and dusters	13 50		
Washing bedclothing	41 60		
Typewriting annual report	5 00		
Office repairs, shelves, etc	23 25		
		$41,501 84	
New signal boxes and tappers		6,250 00	
Keyless doors		2,500 00	
Labor putting up new lines	3.057 24		
Wire	1,360 80		
Cross arms, pins, pipe, staples and back boards$	497 30		
Horse and vehicle hire	83 00	4,998 34	
			$79,550 18
Fire Department—			
Salaries of Chief, Assistants, Engineers, Firemen, Drivers, etc		513,530 73	
Fuel	8,559 21		
Forage and bedding	14,975,45		
Ice	989 29		
Horse shoeing	8,454 93		
Veterinary services and medicines	1,658 45		
Repairing clipping machine	40 35		
Harness and repairs, blankets, etc	2,608 05		
Apparatus repairs and supplies	34,927 39		
Hardware, shovels, rope, saws, files, wheelbarrows, etc	678 36		
Lanterns and repairs	203 30		
Flags, life saving nets, ladder, gloves, smoke protectors, etc	1,141 30		
Lumber	9 60		
Rent of lot	85 00		
Expenses of Chief to convention	285 00		
Correcting insurance maps, fire reports	218 75		
Damage to private vehicles and property	14 00		
Patching sidewalk	31 00		
Printing and stationery, city directory, rubber stamps and pads	1,139 86		
Postage	35 00		
Telephone rental	100 00		
Typewriter and cabinet	113 75		
Furniture, bed clothing, clocks, linoleum, carpets, shades, etc	2,311 15		
Awnings, storing and repairing	13 00		
Express and transfer charges	81 61		
Brooms, brushes, buckets, curry combs, dusters, mops, etc	1,881 59		
Oils, soap, queensware, soda, vaseline, polish, drugs, etc	2,048 52		
		82,603 91	
Horses		7,508 00	
New hook and ladder apparatus		1,400 00	
New engines		4,400 00	
New hose carriages and wagons		1,425 00	
Hose, couplings, nozzles, etc	20,159 50		
Hose and nozzle repairs	421 97		
		20,581 47	
Labor and material for repairs of buildings requiring prompt attention—			
Plumbing	1,629 48		
Carpentry, bricklaying and iron work	1,251 62		
Whitening, glazing, plastering and painting	1,233 05		
Repairs to roofs, gutters and spouts	908 18		
Hardware, nails and galvanized iron	102 30		
Lumber and mill work	1,078 86		
Coal tar and pitch	6 60		
Erecting smoke stack	47 00		
Wrecking and cleaning up ruins of No. 7	170 00		
Constructing sewer from engine house to sewer main	361 10		
Altering and repairing feed bins and ash pit	445 55		
Reconstructing engine houses Nos. 12 and 18	2,712 00		
Building fences at engine houses Nos. 33 and 34	308 00		
Alterations at engine house No. 27	723 00		
		10,976 74	
Repairs of veterinary hospital		1,193 00	
			643,618 85

Four Courts Building—Repairs and Alterations—			
Carpentry and locksmithing	$410 08		
Plumbing and repairs	446 10		
Glazing	432 86		
Plastering	219 23		
Repairs to cages	36 23		
Repairs to roof	70 82		
Repairs and alterations to steam heating apparatus.	1,118 62	$2,733 94	
Papering, painting and whitening offices and halls		234 65	
			$2,968 59
Four Courts Building—Salaries and Current Expenses—			
Salaries of Janitors, Engineers and Watchmen		6,361 10	
Salary of Assistant Engineer		490 00	
Salaries of Firemen		950 00	
Salaries of Coal Passers		700 00	
Awnings and repairs, flags	104 87		
Ice	362 90		
Night watch signal service	36 00		
Hauling ashes and rubbish	738 43		
Towels and washing	372 61		
Fuel	2,446 65		
Soap, soda, oil, matches, lye, lime, brooms, brushes, dusters, mops and toilet paper	226 55		
Disinfectants	50 00		
Engineers' supplies	58 37		
Hose, nozzles and couplings	55 30	4,451 68	
			12,952 78
Fund for numbering houses—			
Salaries of Inspectors, Draughtsman and Fieldhand		2,218 95	
Horse board	211 80		
" shoeing	15 00		
Harness and vehicle repairs	27 20	254 00	
			2,472 95
Gas Light—			
Public lamps		31,523 56	
Lighting, cleaning and repairing		7,351 81	
			38,875 37
Gasoline lamps, maintaining			4,617 39
Harbor and Wharf, salaries and current expenses—			
Salaries of Commissioner, Assistant Deputies, etc		12,062 71	
Rent	240 00		
Horse board	216 00		
" shoeing and veterinary services	8 00		
" and vehicle hire	5 00		
Harness and vehicle repairs, lap robes, whips and blankets	31 95		
Car tickets	100 00		
Printing and stationery, city directories	287 60		
Postage	31 00		
Telephone rent	20 00		
Soap, soda, sponges, mops, chamois, locks and paper	6 95		
Furniture and stove repairs, safe, washing towels, water cooler, etc	52 69		
Lumber	12 39		
Fuel and ice	28 35		
		1,039 93	
Horse		100 00	
			13,202 64
Harbor Boat—			
Salaries of Captain and crew		6,596 06	
Wages of laborers and carpenters	1,194 00		
Docking, towing and repairs	1,868 88		
Testing, cleaning and repairing boilers and furnaces	608 97		
Pump repairs	16 20		
Engineers' tools, supplies and repairs	985 50		
Rubber boots, coats, hats, gloves, hose and couplings	135 99		
Fuel and ice	2,332 24		
Lumber	419 68	7,561 46	
			14,157 52
House of Refuge—			
Salaries of Superintendent and employes		18,538 72	
Groceries and provisions	4,815 26		
Meat and fish	3,988 60		
Ice	376 85		
Milk	1,510 39		
Yeast	100 23		

Flour	$1,698 75		
Vegetables	272 72		
Fuel	1,808 50		
		$14,571 30	
Drugs and medicines	260 80		
Medical attendance	637 00		
Dry goods, clothing and bedding	3,150 11		
Furniture and repairs, linoleum, carpet and flag	406 04		
Kitchen utensils and repairs, china, glass and tinware	867 63		
Sole leather and findings	1,195 44		
Scale Inspector and repairs, tuning piano	16 50		
Brooms, buckets, blacking, blueing, mops, matches, soap, starch, soda and oil	697 60		
Kindergarten goods	18 20		
		7,249 32	
Forage	304 07		
Horse shoeing	55 85		
Harness and repairs to harness and vehicles	103 10		
Tan bark, sand and lime	35 80		
Printing and stationery	105 55		
Postage	17 70		
Car tickets	14 85		
Rewards to inmates, miscellaneous expenses	9 50		
Books and school supplies	825 13		
Fireworks, flags, balloons, Christmas supplies, etc	125 88		
Lumber for walks	32 50		
Gardeners' supplies, plow, hose, seeds, etc	267 69		
Engineers' tools and supplies	244 30		
		2,141 92	
Labor and material for the repairs of buildings, including boilers, machinery and steam heating apparatus requiring prompt attention—			
Oils, paints, putty, glass, turpentine, white lead and brushes	321 51		
Hardware, nails, locks, sash cord, zinc, grate bars, etc	237 87		
Lumber	184 95		
Sand, lime, cement, fire clay and brick	192 60		
New boiler	50 00		
Repairs to engines, boilers and steam pipe	190 23		
Repairing roof, gutters and spouts	132 63		
Repairs to laundry machine	125 00		
Rebuilding oven	125 00		
Plumbing and brickwork	287 30		
Wall paper and papering	47 35		
		1,894 44	
Expenses of establishing, and salaries and expenses of maintaining Girls' Industrial Training School		937 10	
Expenses of establishing, and salaries and expenses of maintaining Boys' Industrial Training School		1,488 97	
Water closets, Girls' Department		458 91	
Wagon		42 00	
Piano		300 00	
Bills unpaid at beginning of fiscal year		30 00	
			$47,652 68
House of Refuge, constructing water closets, Ordinance 18,002			380 70
Insane Asylum—			
Salaries of Superintendent and employes		33,844 25	
Groceries and provisions	14,279 94		
Meat and fish	8,778 61		
Bread	3,566 42		
Milk	4,661 27		
Ice	1,742 33		
Fuel	5,175 90		
Vegetables	791 98		
		38,996 45	
Drugs and medicines	1,138 35		
Surgical instruments, supplies and repairs	61 65		
		1,200 00	
Dry goods, clothing and bedding	2,998 63		
Furniture and repairs	250 35		
House Furnishing goods, carpets, shades, linoleum, flag, etc	326 66		
Shoes, slippers, hats and caps	648 50		
Glassware, tinware, knives, forks, kitchen utensils and hardware	862 24		
Sole leather and findings, wristlets, straps, etc	80 00		

Brooms, buckets, mops, matches, starch, tubs, candles and bath brick	$347 27		
Soap, soda, sponges, oil, lye, ink, chamois, blacking and blueing	1,372 58		
Scale inspection and tuning pianos	19 50		
Billiard supplies, base balls, card and metal bell	100 00		
		$6,995 73	
Forage	297 24		
Horse shoeing	76 65		
Vehicle and harness repairs	62 40		
Stable supplies, horse blankets	25 48		
Car tickets	105 00		
Printing and stationery, city directory, rubber stamps	339 06		
Postage	68 00		
Telephone rent	10 00		
Engineers' tools, supplies and repairs	327 52		
Gardeners' tools and supplies	242 67		
Cleaning vaults	60 00		
		1,613 96	
Labor and material for repairs of buildings, including repairs of boiler machinery and steam heating apparatus, requiring prompt attention—			
Oils, paints, glass, white lead, turpentine, brushes, roofing felt, etc	216 41		
Sand, lime, cement, fire clay and tar	105 85		
Lumber	875 15		
Hardware, nails, screws, locks, bolts and electric supplies	191 54		
Plumbing supplies and repairs	738 99		
Repairs to engines, valves, steam pipe	216 04		
Repairs to elevators	73 61		
Constructing new stairs	123 44		
Erecting flag pole	221 00		
Painting and repairing roofs	114 55		
Removing old house tank and making connections	96 00		
		2,972 57	
Entertainments		292 52	
House tank		150 00	
Plastering and painting kitchen walls and ceiling of kitchen and laundry		433 78	
Ventilating fan for kitchen		435 00	
Two new ice boxes		393 19	
Heaters for the bath rooms		370 00	
Heating apparatus for cottage		475 00	
Repairing flooring in cottage		368 00	
Repairing plumbing in bath rooms		287 34	
Closing up tunnels in basement of center building		29 58	
Overhauling engines		273 00	
Enclosing grounds with barbed wire fence		453 66	
Addition to green house		227 40	
Bills unpaid at beginning of fiscal year		658 80	
			$90,470 23
Inspector of Weights and Measures—			
Salaries of Inspector, Assistants and Clerks		6,999 96	
Horse board	432 00		
Horse shoeing	69 50		
Horse hire	18 00		
Veterinary services	10 50		
Harness and vehicle repairs, collars	69 40		
Printing and stationery, city directory	124 41		
Storing and repairing stove	7 00		
Stamps, lead and shot	22 60	753 41	
			7,753 37
Insurance—			
City Hall		600 00	
City Chemist's stock and fixtures		31 25	
Female Hospital building, furniture and fixtures		1,437 50	
Election booths and tables in storage		201 75	
Forest Park buildings		260 00	
Harbor boat		150 00	
House of Refuge building "A"		750 00	
House of Refuge building "B"		112 50	
House of Refuge building "C"		300 00	
House of Refuge building "M"		450 00	
House of Refuge, girls' department		126 00	
House of Refuge, furniture and fixtures		211 50	
House of Refuge, boilers, house machinery, etc		135 00	
Horses, harness and vehicles in Bohle's stables		301 25	
Insane Asylum, boiler house		62 50	

Insane Asylum, building		$ 62 50	
Jail and Four Courts building		1,800 50	
Jail and Four Courts building, furniture and fixtures		150 00	
Jailer's residence		50 00	
O'Fallon Park stables		30 00	
Poor House buildings		2,850 00	
Poor House, furniture and fixtures		500 00	
Quarantine and small pox hospital		135 00	
Quarantine and small pox hospital, furniture and fixtures		30 00	
			$10,786 75
Interest Account—			
Remittance to National Bank of Commerce, New York	$657,910 25		
Remittance to National Bank of the Republic, New York	26,500 00		
Remittance to National Bank of Scotland, London, England	82,000 00		
Coupons redeemed at City Treasury	124,516 36		
		890,926 61	
Telegrams and express charges	37 76		
Subscription to Bond Buyer	5 00		
Advertising	940 56	983 32	
			891,909 93
Jail—			
Salaries of Jailer and employes		12,879 96	
Groceries and provisions	1,731 55		
Meat and fish	4,696 06		
Bread	2,991 67		
Milk	240 03		
Ice	203 22		
Vegetables	478 95		
Fuel	56 69		
		10,498 17	
Drugs and medicines, disinfectants	755 61		
Dry goods, clothing and bedding, sawdust	451 65		
Hardware, kitchen utensils, tinware and repairs	249 36		
Scale inspection, wheelbarrow	14 00		
Soap, soda, starch, mops, matches, brooms, buckets, tubs, etc	279 16		
		1,749 78	
Printing and stationery, city directory	64 85		
Postage	10 50		
Expenses of Deputy to St. Mary's	24 00		
Hose and couplings	30 00		
Hauling ashes and rubbish	38 00		
Repairs to furniture, locksmithing, gunsmithing, signs and lamp	23 60		
		190 95	
Repairs of Jailer's residence requiring prompt attention—			
Plumbing, carpentry, glazing and electric repairs	573 61		
Repairing tunnel, bunks, cells and bull ring	175 08		
Repairing and replacing screens	160 59		
Repairing roof of Jailer's residence	74 48		
		983 76	
Repairing and rebuilding the drainage system		2,543 38	
Salaries unpaid at beginning of fiscal year		17 42	
Bills unpaid at beginning of fiscal year		69 74	
			28,933 16
Jail alterations and repairs, Ord. 17,960, 18,029			385 93
Judgments—			
John J. Steffen vs. City of St. Louis, action for breach of contract		2,845 45	
Wm. Wehrle vs. City of St. Louis, action for injuries to horse caused by falling into hole on Glasgow Avenue, near Madison Street		164 34	
Andrew Wiggan vs. City of St. Louis and Marshall, action for damages sustained by falling into an excavation at 4738 Easton Avenue, March 4, 1893		885 98	
			3,895 77
Jury and Witness Fees—			
Certificates issued by Circuit Court		23,731 50	
Certificates issued by Criminal Court		29,661 00	
Certificates issued by Court of Criminal Correction		915 00	
Certificates issued by Probate Court		576 00	
Certificates issued by Police Court		346 00	
Certificates issued by Grand Jury		2,383 50	
			57,613 00

Jury Commissioner—			
Salaries of Commissioner and Deputies		$8,719 96	
Salaries of Temporary Deputies		250 00	
Printing and stationery	$296 52		
Postage	19 00		
City directories	24 00		
Advertising	45 20		
		384 72	
Bills unpaid at beginning of fiscal year		26 25	
			$9,380 93
Law Department—			
Salaries of City Counselor, Associate, Assistant, Clerk and Stenographer		13,200 00	
Printing and stationery	227 40		
Postage	40 00		
City directory and indexing	6 90		
Telephone rent	100 00		
Messenger service	20 70		
Electric fans	36 00		
Subscriptions to law books and papers	171 60		
Typewriter, rubber stamps, furniture and stove repairs	67 31	669 91	
			13,869 91
Lighting Public Buildings—			
Court House	5,116 60		
City Hall	5,458 10		
Four Courts	2,591 20		
Jail	707 15		
Police Department—Four Courts	1,334 88		
Police Stations	6,584 73		
City Hospital	543 72		
Temporary City Hospital	2,045 93		
Insane Asylum	3,388 17		
Female Hospital	2,139 39		
Poor House	3,018 60		
Morgue	206 53		
Fire Department	9,262 60		
New City Hall	1,574 69		
New City Building, 2322 Clark avenue	226 55		
Water Department—North	6,572 68		
" South	61 42		
Union Market	1,220 22		
Soulard Market	7 10		
Health Department	143 70		
Harbor and Wharf Department	19 80		
Police Court—Second District	3 40		
Fire Alarm Telegraph Office	400 68		
House of Refuge	2,121 00		
Work House	699 90		
Carondelet Market	30 10		
Public Buildings in Forest Park	277 69		
Jailers' quarters	197 52		
			55,954 05
Markets—			
Union Market—			
Salaries of Market Master and Keeper	3,399 96		
Fuel	35 03		
Brooms, water cooler, sprinkler and copperas	27 02		
Stove repairs	14 60		
Advertising	91 52		
Flag staff	84 00		
Brick, brickwork, sand, lime and hose	137 76		
Cleaning cellar	87 00		
Plumbing, sewering and repairs	228 51		
Repairing roof, etc., painting and carpentry	1,033 26		
		5,138 66	
Soulard Market—			
Salaries of Market Master and Keeper	1,214 55		
Fuel	5 10		
Stove, etc	11 20		
Flag and flag pole	72 50		
Chamois and sponges	75		
Lumber and carpentry	8 40		
Repairing office	150 65		
		1,463 15	
South St. Louis Market—			
Salaries of Market Master and Keeper		1,219 92	
			7,821 73
Soulard Market repairs, Ordinance 18,725			990 00
Maps of the City of St. Louis, Ordinance 17,933			4,737 60

Making back tax books and bills			$ 3,676 66
Mayor's Contingent Fund			11,000 00
Marshal's Office—			
Salaries of Marshal and Deputies		$20,675 64	
Printing and stationery	$169 57		
City directories	12 00		
Postage	5 00		
Advertising and bill posting	106 44		
Telephone rent	30 00		
Furniture, office repairs, painting signs, etc	36 15		
Horse board	216 00		
Horse shoeing	31 25		
Harness and vehicle repairs	2 00		
		608 41	
New buggy		135 00	
Bills unpaid at beginning of fiscal year		124 94	
			21,543 99
Milk Inspector—			
Salaries of Inspector and Deputy		2,499 96	
Printing and stationery	64 66		
Postage	11 10		
Horse and buggy hire	70 00		
Gas for fuel	9 00		
Traveling expenses	65 66		
Apparatus and repairs, crystal water	294 97		
Maps, cleaning carpet, repairing stove	21 50		
Stenographer's services	9 00	545 89	
			3,045 85
Morgue—			
Salaries of Superintendent and employes		1,899 84	
Printing and stationery, postage	5 25		
Telephone rent	5 00		
Fuel	56 68		
Ice	1,026 23		
Towels, aprons and washing, hauling offal	56 20		
Furniture repairs, clocks, stoves and cuspidors	74 58		
Embalming fluid, disinfectant, drugs, sponges, soap, mops, etc	347 57		
Hardware, oil, lumber, hose, gloves, boots and blankets	73 22		
Ice box	5 00		
Extra services caring for Tornado victims	217 50		
Conveying bodies to morgue	1,022 15		
		2,889 38	
Labor and Material for repairs of building requiring prompt attention—			
Plumbing repairs	89 43		
Carpentry and lumber	47 70	137 13	
			4,926 35
Municipal Assembly—			
Council—			
Salaries of Council members	3,895 00		
" Secretary, Assistant and Sergeant-At-Arms	4,800 00		
Publishing proceedings	4,587 98		
Printing and stationery, City Directory	478 54		
Postage	45 00		
Telephone and clock rental	142 00		
Electric Fan	18 00		
Typewriter and supplies and repairs	97 50		
Furniture and repairs	22 00		
Dusters, fans, glasses, combs and brushes	11 88		
		14,097 90	
House of Delegates—			
Salaries of House of Delegates	8,400 00		
Salaries of Clerk, Assistant, Sergeant-At-Arms and Messenger	5,213 55		
Publishing proceedings	4,042 42		
Printing and stationery, city directory	1,698 09		
Postage	290 00		
Telephone and clock rental	111 00		
Carriage hire	273 00		
Stenographer's services	224 20		
Typewriter repairs and supplies	10 45		
Memorial and frame	15 00		
Electric fan	18 00		
Furniture and repairs, carpet, matting, filter, stove, etc	319 89		

Soap, mops, matches, brooms, brushes, buckets, cuspidors, fans, tumblers, dusters, etc	$111 80		
Painting railing, etc	17 00		
Bills unpaid at beginning of fiscal year	58 50	$20,802 90	
			$34,900 80
New City Hall and Court House—			
Architect fees for designing and preparing plans		548 69	
Furniture and furnishing, Assessor of Revenue		1,275 00	
Furnishing, painting and papering additional court rooms at Court House		2,023 88	
Metal furniture furnished under contract		969 88	
Plumbing repairs and alterations		125 00	
Removing wainscoting and resetting tiles		207 45	
Carpentry and glazing		145 53	
Moving furniture, books and records from Court House to New City Hall		52 00	
Linoleum in Recorder of Deeds office		134 75	
Preparing rooms for Election Commissioner		1,287 75	
Temporary heating apparatus at New City Hall		145 00	
			6,914 93
New City Hall—Repairs and Alterations—			
Plumbing		14 99	
Carpentry and locksmithing		58 32	
Re-glazing		44 20	
Repairing flag staff and crank shaft		57 50	
			175 01
New City Hall—Salaries and Current Expenses—			
Salaries of assistant janitor and night watchman		2,564 36	
Salaries of temporary engineers and firemen		1,680 00	
Fuel	1,347 86		
Ice	305 78		
Ice chest	22 00		
Awnings and repairs	277 00		
Telephone rent	50 00		
Towels and washing	175 06		
Hauling ashes and rubbish	158 76		
Engineer's supplies, lanternts, etc	104 42		
Soap, mops, matches, hose, step ladder, buckets, glasses, toilet paper, disinfectants, etc	209 55	2,605 43	
			6,849 79
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer—			
Mayor—			
Furniture and repairs, water cooler, etc	20 00		
Carpet	44 42		
Electric fans	72 00		
Blue book and dictionary	14 00		
Clock rental, cleaning and repairing	16 50		
		166 92	
Comptroller—			
Furniture and repairs, shades and stove repairs	78 00		
Indexing city directories	3 00		
Car fare	43 50		
Vehicle hire	15 00		
Rubber stamps, repairing clock	7 30		
Cablegrams	26 35		
Copies of bills and resolutions	25 00		
		198 15	
Auditor—			
Furniture and repairs, water coolers, stove repairs, etc	56 80		
Paste and typewriter repairs	3 00		
		59 80	
Register—			
Furniture and repairs, stove and safe repairs	53 90		
Typewriter and cabinet	110 25		
Electric fans and numbering machine	39 75		
		203 90	
Treasurer—			
Furniture and repairs, vault repairs	31 35		
Miscellaneous office expenses, car fare, cab hire and express charges	57 25		
Satchels and rubber stamps	40 25		
Telephone rent	5 00	133 85	
			762 62
Opening Streets Expenses—			
Salaries of Commissioners	5,949 00		
Costs of Court	3,101 35		
Investigating titles, etc	4,939 00		
Advertising	845 53		

Notary fees and serving writs	$70 90		
Removing obstructions	85 80		
		$14,991 58	
Opening Various Streets and Alleys—			
See pages ... and ... of this report			
Park Commissioner—			
Salaries of Commissioner, Superintendent and Clerk		7,200 00	
Printing and stationery, City Directory	137 68		
Postage	33 00		
Copying Annual Report	3 90		
Artotype prints, repairing level	97 00		
Horse board	456 00		
Horse shoeing	25 65		
Harness and vehicle repairs, robes and blankets	65 10		
Car tickets	10 00		
Window frames, expressage, repairing store	17 67		
Services of engineer	100 00		
		946 00	
Bills unpaid at the beginning of fiscal year		53 50	
			$8,199 50
Benton Park -			
Salary of Keeper	780 00		
Wages of gardeners, laborers, etc	2,201 73		
Fuel	3 00		
Store	6 35		
Lumber	47 68		
Cement	2 80		
Hardware, tools, oil, nails and lawn mower repairs	82 23		
Gardeners' supplies and repairs, brooms, hose, etc.	75 95		
Plumbing repairs and supplies, tool house	140 35		
Flag and repairs to flag pole	6 70		
		3,346 79	
New water closets		448 00	
Erection of music stand		826 27	
			4,621 06
Carondelet Park—			
Salary of Keeper	780 00		
Wages of gardeners, laborers, etc	3,005 95		
Forage and fuel	175 19		
Horse shoeing	82 60		
New wagon, vehicle and harness repairs	112 45		
Lawn mower and mowing machine	117 00		
Lumber	54 03		
Hardware, nails, chains, wire brooms, etc	72 56		
Oils, paints, white lead, turpentine and brushes	16 73		
Gardeners' supplies, trees, seeds, etc	73 35		
Plumbing repairs	8 25		
Grading	495 42		
		4,993 53	
Fence, two sides		499 92	
Extension of water pipe		158 60	
			5,652 05
Carr Square—			
Salary of keeper		737 42	
Wages of gardeners, laborers, etc		320 00	
Fuel		3 00	
Lawn mower		8 40	
Paints, oil, white lead and turpentine		73 15	
Plumbing and fountain repairs		16 85	
Repairing fence		12 00	
			1,170 82
Forest Park—			
Salary of keeper	900 00		
Wages of overseer, gardeners, laborers, etc	31,578 39		
Salary of engineer	277 42		
Fuel	284 66		
Forage	914 59		
Horseshoeing and blacksmithing	471 81		
Harness and vehicle repairs, harness	155 50		
Car tickets	30 00		
Implements and repairs, water cart	737 41		
Goats and rabbits	43 45		
Meat for eagles and owls	4 30		
Rubber boots, hose and flags	86 18		
Hardware, cups, nuts, washers, badges, pump and tapes	195 06		
Machine oil, soap, brooms and baskets	32 96		

Paints, oil, turpentine, white lead, putty, glass, disinfectant, etc	$ 500 19		
Bolts, rods, castings, etc., for repairs of bridges	161 00		
Lumber	1,220 77		
Barbed wire, staples, pipe and steel fences	415 21		
Flower pots, trees, seeds, plants, tobacco dust and cheese cloth	1,113 72		
Sand, stove, macadam, gravel, cement, brick, clay pipe, cinders, etc	2,877 72		
Plumbing and supplies, fountains and constructing fountain	498 09		
Cleaning vaults	181 00		
Repairing keeper's cottage, stove	48 90		
Constructing coke house	262 86		
		$42,991 19	
Meteorological Observatory—			
Salary of Observer		730 00	
Crossings		249 00	
Granitoid sidewalks from Lindell Railway pavilion to music stand		1,147 95	
			$45,118 14
Forest Park Propagating House, Ordinance 18,222			3,533 45
Fountain Park—			
Wages of gardeners, laborers, etc		535 50	
Fuel		3 00	
Tools and grass seed		5 75	
			544 25
Gamble Park—			
Salary of keeper		600 00	
Wages of gardeners, laborers, etc		16 00	
Fuel		3 00	
Garden seed		3 00	
Plumbing repairs		17 80	
			639 80
Gravois Park—			
Salary of keeper	585 00		
Wages of gardeners, laborers, etc	116 41		
Fuel	3 00		
Gardeners' tools, supplies and repairs	41 56		
		745 97	
New water closet		197 00	
Water pipe into house		150 00	
			1,092 97
Hyde Park—			
Salary of keeper	780 00		
Wages of gardeners, laborers, etc	1,710 60		
Fuel	3 00		
Gardeners' tools and supplies, bench legs, flag and hose	168 91		
Lumber, sand, cement and steel fence	121 85		
Oils, paints, white lead and turpentine	115 13		
Plumbing repairs	100 00		
		2,999 49	
Erection of music stand		885 62	
			3,885 11
Jackson Place—			
Salary of keeper		590 00	
Wages of gardeners, laborers, etc		45 87	
Fuel		3 00	
Lumber		9 44	
Gardeners' tools and supplies		10 45	
Plumbing repairs		7 00	
			665 76
Kendrick Garden—			
Wages of gardener			14 00
Laclede Park—			
Salary of keeper		748 00	
Wages of laborers		127 75	
Fuel		3 00	
Gardener's tools, supplies, seeds and trees		37 20	
Plumbing repairs		7 30	
			923 25
Lafayette Park—			
Salary of keeper		1,200 00	
Salary of bookkeeper		75 00	
Wages of gardeners, laborers, etc		4,835 37	
Printing and stationery, postage		20 45	
Forage, ice and fuel		10 60	
Horse board		198 00	
Horse shoeing and blacksmithing		46 30	

Horse and wagon hire		$ 560 10	
Gardeners' supplies, trees, plants, pots, seeds, etc.		1,551 00	
Hardware, tools, rope, wire, etc		221 52	
Lumber		34 81	
Oil, asphaltum, sand, lime, cement, pipe, putty, etc		180 51	
Curtains		13 00	
Plumbing, glazing, painting, carpentry and repairs		372 73	
Boats		167 40	
Repairing cottage		478 00	
Repairing fences		3,017 90	
Repairing and painting music stand		1,751 07	
Stone balls, vase repairs		584 00	
Flag poles		182 96	
Patching and resetting posts		137 89	
Constructing skaters' house		100 00	
Constructing two bridges		2,288 92	
			$18,027 53
Lyon Park—			
Salary of keeper		750 00	
Wages of gardeners, laborers, etc		862 50	
Fuel		3 00	
Gardeners' tools, supplies and repairs		87 86	
Plumbing repairs		5 85	
			1,709 21
O'Fallon Park—			
Salary of keeper	$ 780 00		
Wages of gardeners, laborers, etc	5,083 67		
Fuel	3 00		
Forage	176 33		
Horseshoeing and blacksmithing, harness repairs	153 70		
Implements and repairs	76 07		
Gardeners' tools and supplies, seeds, etc	257 31		
Lumber	40 75		
Oils, paints, grease, turpentine, white lead and brushes	75 92		
Macadam, brick, cement and pipe	113 85		
Plumbing repairs	36 95		
Filling ravine	124 99		
		6,922 54	
Completion of roadways		651 56	
Extension of water pipe		324 47	
			7,898 57
O'Fallon Park—Constructing lake, Ordinances 17,823, 18,031			1,902 05
St. Louis Place—			
Salary of keeper	2,160 00		
Wages of gardeners, laborers, etc	1,303 85		
Fuel	3 00		
Gardeners' tools and supplies	101 01		
Lumber, cement, clay, pipe, oils, paints and turpentine	152 02		
Plumbing, carpentry and repairs, fence repairs, bench legs	143 95		
		3,863 83	
Filling up lake		198 75	
			4,062 58
South St. Louis Square—			
Salary of keeper		600 00	
Wages of laborers, etc.		27 50	
Fuel		3 00	
Gardeners' tools and supplies, trees, etc		18 96	
Oils, paints, white lead, turpentine and brushes		13 00	
Constructing fountain		109 00	
			771 46
Tower Grove Park—			
Annual appropriation			25,000 00
Washington Square—			
Salary of keeper		660 00	
Wages of laborers		9 00	
Fuel		3 00	
Repairing stove		2 40	
			674 40
Plumbing Inspection Department—			
Salaries of Supervisor, Clerk, Bookkeeper, etc		12,483 59	
Printing and stationery, city directory	271 17		
Postage	60 00		
Typewriter	90 00		

Furniture repairs	$ 6 75		
Horse board	216 00		
Horse shoeing	22 00		
Horse clipping	2 00		
Harness and vehicle repairs	7 75	$ 675 67	
			$ 13,159 26
Police—			
Salaries of Chief, Captains, Sergeants, Patrolmen and Detectives		803.431 75	
Emergency patrolmen temporarily employed		23,994 44	
			827,426 19
Police—All other Salaries and Current Expenses—			
Salaries of Commissioners		3,944 44	
Salaries of Secretary, Assistant Chief, Superintendent, Clerks, Janitors, etc		76,703 05	
Forage	5,818 11		
Pasturing and bedding	591 50		
Fuel	1,876 76		
Ice	433 63		
Harness and vehicles, lap robes, holsters and handcuffs	1.592 45		
Harness and vehicle repairs	4,067 70		
Veterinary services and medicines	262 55		
Clipping horses	72 25		
Supplies for blacksmith shop	264 00		
Carriage hire	10 00		
Miscellaneous stable expenses, trees, pipe, granitoid work, sewering, etc	1,850 10		
Oils, paints, turpentine, white lead, carbolic acid, cement	265 25		
Printing and stationers	5,315 66		
Advertising	295 51		
Postage	179 50		
City directories	150 00		
Rubber stamps, stars, straps, buttons, badges, gauntlets, maps and atlas	896 55		
Telephone rental	3,326 07		
Insurance	1,464 35		
Telegrams to and from Chief	129 63		
Furniture, clock, filters, lamps, ladders, safe, stove repairs, etc	2,549 78		
Carpets and cleaning, linoleum, shades, mats, etc	735 39		
Hardware, screws, saws, shovels, padlocks, wrenches, keys, etc	835 54		
Oil, soap, sponges, brooms, brushes, buckets, matches, candles, wicks, mops, disinfectants, etc.	1,072 84		
Awnings and repairs, flags	366 50		
Hose, couplings, nozzles, etc	235 98		
Typewriters, stand, rent, supplies and repairs	309 87		
Electric fans and wire	259 00		
Photographing criminals	191 05		
Costs of guarantee bonds	30 00		
Clothing damaged in discharge of duty	260 35		
Meals to prisoners, bread, meat, etc	1,791 23		
Towels and washing	593 07		
Hauling ashes and manure	496 15		
Cleaning rooms	281 35		
Miscellaneous expenses and repairs	92 60		
Lumber and millwork for general use	717 21		
Sewer pipe	467 20		
Building roadway and repairing cistern	138 08		
Expenses incurred in selling Cheltenham station	192 60		
Secret Service Fund	2,019 20		
		41,496 56	
Labor and material for necessary repairs and alterations requiring prompt attention—			
Station houses—			
Plumbing and repairs	1,277 52		
Cement, brickwork, stone work, carpentry, sidewalks	1,099 10		
Paints, oils, etc	72 85		
Painting, glass and graining	2,485 70		
Lumber and millwork	399 94		
Repairing, roofs, gutters and spouts	144 17		
		5,479 28	
Stables—			
Cement and asphalt	94 31		
Glass and putty	76 97		
Plumbing repairs	133 00		
Painting and whitening	571 80		

Lumber and millwork	$1,987 22		
Iron work, cells	803 02		
Repairs to roofs, gutters and spouts	373 27		
Stone work and brickwork	143 19		
Rebuilding Patrol House, Seventh and Soulard	800 00		
		$4,982 78	
Labor and material for repairing station houses and stables of patrol wagon system		3,495 68	
Reconstructing telephone systems in Central and Third Districts		2.499 46	
Grading lot at Mounted District Stables		4,250 00	
Horses		3,200 00	
Bills unpaid at beginning of fiscal year		973 60	
			$147,024 85
Police—Erection of station houses and purchase of lots—			
Building station houses			3,489 00
Pay Roll Account—Special fund—			
Payments to sundry persons on pay rolls returned by Treasurer			816 72
Poor House—			
Salaries of Superintendent and employes		34,965 59	
Groceries and provisions	22,711 11		
Meat and fish	17,262 48		
Bread	8,599 17		
Milk	3,475 73		
Ice	2,666 87		
Vegetables	1,547 85		
Fuel	9,733 48		
		65,996 69	
Drugs and medicines	1,135 47		
Surgical instruments and repairs	90 93		
Medical books and journals	16 00		
		1,242 40	
Dry goods, clothing and bedding	7,877 41		
Furniture and repairs, range, water cooler, clocks, etc	2,057 46		
Carpets, linoleum, shades and flags	437 91		
Hardware, kitchen utensils, knives, forks, keys, razors, shears, stove, etc	512 95		
Glassware, tinware and queensware	610 40		
Brogans, slippers, hats, caps, gloves, bonnets and boots	1,284 47		
Sole leather and findings, straps	227 93		
Oil, lye, soap, sponges, ink, blacking, blueing, soda, starch, chamois, etc	1,766 85		
Brooms, brushes, buckets, mops, matches, dusters, ladder and wheel barrow	519 94		
Scale inspection	4 00		
		15,299 32	
Forage	13 65		
Horse shoeing	101 50		
Vehicle and harness repairs	36 58		
Car tickets	25 00		
Printing and stationery, city directory	370 11		
Postage	35 00		
Telephone rent	5 00		
Disinfectants	51 00		
Lumber for fences and coffins, wire, staples, ax handles, etc	110 77		
Maintaining grounds, gardeners' supplies and repairs	276 79		
Engineer's supplies, oil tanks, etc	357 13		
		1,382 53	
Labor and material for repairs of buildings, including boilers, machinery and steam heating apparatus requiring prompt attention—			
Sand, lime, cement, granite, clay pipe and fire clay	241 56		
Oil, paints, turpentine, glass, white lead, putty and roofing material	744 61		
Hardware, nails, hinges, butts and hooks	249 97		
Lumber and flag staff	670 95		
Electric supplies, wire, etc	38 08		
Plumbing supplies and repairs	717 48		
Repairs to washing machine, wringer, etc	143 55		
Plastering main building	771 10		
		3,577 30	
Bills unpaid at beginning of fiscal year		343 75	
			122,807 58

Poor House—Disposal of sewage, Ordinance 16,754			$ 194 90
Poor House—Temporary quarters, Ordinance 18,682			4,999 94
Poor House—Addition to boiler plant, Ordinance 18,808			150 00
Poor House Bakery—			
Salary of baker and help		$3,240 00	
Forage		950 81	
Fuel		388 85	
Ice		148 50	
Horse shoeing		56 50	
Harness and vehicle repairs, collar, pads, etc		38 80	
Printing		18 50	
Scale inspection		2 00	
Trough covers, bread pans, grease, strainers, sifter, gloves, grate bars, brooms, etc		141 96	
Repairing bake oven		144 40	
Flour and corn meal		17,901 67	
Lard, sugar, salt and soda		1,017 46	
Potatoes		846 78	
Yeast		234 77	
Tobacco		73 78	
			25,204 78
Poor House Dairy—			
Salary of dairyman and help		1,020 00	
Printing		18 50	
Forage		1,101 05	
			2,139 55
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer—			
Mayor—			
Printing and stationery, postage	$429 92		
Advertising	74 69		
City directory	6 00		
		510 61	
Comptroller—			
Printing and stationery, postage	2,372 99		
Posting up map	350 00		
City directories	24 00		
		2,746 99	
Auditor—			
Printing and stationery, postage	898 80		
City directory	6 00		
Rubber stamps	5 25		
		910 05	
Register—			
Printing and stationery, postage	5,409 76		
Advertising	3,982 93		
License plates	775 15		
City directory	6 00		
		10,173 84	
Treasurer—			
Printing and stationery, postage	506 36		
Typewriting work	8 20	514 56	
			14,856 05
Public Buildings—Repairs—			
Cost of repairing damage done by tornado—			
Female Hospital		337 50	
House of Refuge		1,960 70	
Insane Asylum		711 09	
Jail and Four Courts		5,685 05	
Poor House		2,743 37	
Work House		1,876 58	
			13,314 29
Public drinking fountain, Ordinance 18,161			68 25
Purchase of lot for engine house, Ordinance 18,676			1,709 50
Purchase of lot for engine house, Ordinance 18,791			2,112 15
Public Library—Special Fund—			
Salaries of Librarian, Assistant, Clerks, etc		20,186 29	
Fuel, electric light and power, elevator service and water		3,969 86	
Rent		5,000 00	
Ice		76 47	
Printing and stationery, rubber stamps, pads, etc		462 94	
City directories and blue book		17 00	
Typewriter and repairs and supplies, perforating machine		129 55	
Insurance and surety premiums		657 60	
New books, magazines, papers, etc		7,412 93	
Book binding and repairing		4,494 65	
Costs of writing cards and extra services		538 62	
Circulars and distributing same		415 85	

Express charges conveying books		$ 832 45	
Court costs		5 95	
Furniture and repairs, Welsbach lights, fixtures, fan, etc		681 42	
Clock rental and repairs, safe deposit rent		36 00	
Hardware, brooms, brushes, alkali, dusters, chamois, soap, toilet paper, matting, boxes, mops, ladder, etc		170 34	
Awnings and repairs		7 50	
Laundry work		25 46	
Painting and lettering signs, etc		64 75	
Plumbing repairs		30 55	
Electrical repairs		4 08	
Traveling expenses to convention		20 00	
Contingent fund for Librarian		815 00	
Interest and payment of notes for purchase of new library site		24,872 58	
			$ 70,927 84
Quarantine and Small Pox Hospital—			
Salaries of Superintendent and employes		4,720 77	
Groceries and provisions	$779 98		
Meat and fish	747 45		
Vegetables	194 39		
Fuel and ice	567 09		
Drugs and medicines, whiskey and wine	45 90		
Dry goods	21 55		
Infected clothing and bedding destroyed	11 80		
Furniture, carpets and linoleum	93 88		
Hardware, closet, soap, brooms and brushes	147 71		
Repairing furnace, range, kitchen utensils and stove	330 83		
Forage and seeds	600 52		
Horse shoeing	90 00		
Harness and vehicle repairs	222 50		
Lumber	22 96		
Oil, paints, white lead, packing, cement, etc	46 34		
Printing and stationery	7 47		
Postage	8 00		
Telephone rent	5 00		
		3,942 37	
Labor and material for repairs of buildings, including repairs of boilers, machinery and steam heating apparatus requiring prompt attention—			
Oil, paints, turpentine, white lead and putty	71 54		
Lumber and shingles	34 45		
Plumbing repairs	10 90		
Repairing gutters and smoke stack	182 99		
		299 88	
New small pox ward		1,519 40	
			10,483 42
Real Estate Account—			
Rent	56 81		
Recording deeds	5 25		
Acknowledgments	1 00		
Building fence around city property in blocks Nos. 1523-4	448 50		
		536 56	
For repairing and reconstructing alleys and sidewalks fronting property owned by the city, and for special taxes for improvement of streets and alleys and construction of district sewers not otherwise provided for—			
Repairing sidewalk around Court House	76 60		
Repairing sidewalk around Carr Square	385 18		
Repairing sidewalk around Lafayette Park	32 28		
Repairing sidewalk around City Hospital	99 27		
Repairing sidewalk around Union and Soulard Markets	504 67		
Granitoid sidewalk around New City Hall	2,225 12		
Repairing alley in city block No. 41	56 52		
Constructing sewer in block No. 1581	46 84	3,426 48	
			3,963 04
Recorder of Deeds—			
Salaries of Recorder and employes		25,119 96	
Salaries of copyists		18,924 95	
Books, blanks, binding, etc	1,059 50		
Printing and stationery	406 77		
Postage	49 00		
City directories	18 00		
Dating stamps, pads, etc	9 00		
Telephone and clock rental	134 00		

Furniture repairing, ladder, cuspidors, shades, etc..		$ 70 25		
Metallic cases and moving.....		389 40		
Moving and repairing safe....		24 00		
Signs on book rack..		5 25	$2,165 17	
				$46,210 08
Reconstructing Engine House No. 7, Ordinance 18,576—				
Constructing engine house under contract....			8,996 50	
Vitrified brick and granitoid work....			424 00	
				9,420 50
Redemption of Bonds—				
Remittance to National Bank of Commerce, New York....			230,000 00	
Bonds paid at City Treasury....			90,000 00	
Bonds purchased for the sinking fund of Blake Bros. & Co., Boston....			2,518 41	
				322,518 41
Reduction of Garbage—				
Reduction of garbage by contract....				65,689 48
Refunding Meat Shop Licenses, Ordinance 14,083—				
Amount refunded to Edward McCabe....			20 85	
“ “ Philip Keim....			25 00	
“ “ Charles Conrad....			50 00	
“ “ Lutton & Roy....			34 75	
“ “ Peter Lehman's heirs....			100 00	
“ “ Wm. A. Briggs....			37 15	
				267 75
Relief of Various Persons—				
Relief of Gustav Hobush....	Ord. 18,385		75 00	
“ John Smith....	“ 18,396		135 00	
“ Carl Bajohr....	“ 18,408		357 00	
“ Agnes R. Pitkin....	“ 18,479		750 00	
“ H. F. James....	“ 18.483		300 00	
“ Henry Hiemenz, Jr....	“ 18,491		461 35	
“ Nicholls-Ritter R. & F. Co....	“ 18,492		592 25	
“ Wm. J. Brennan and Sarah A. McNamee....	“ 18,493		232 50	
“ A. P. DeCamp....	“ 18,494		280 00	
“ H. L. Cornet....	“ 18,495		473 65	
“ Same....	“ 18,496		474 70	
“ Isaac N. Miller....	“ 18,497		263 50	
“ Same....	“ 18,498		389 87	
“ Euclid Park Improvement Co...	“ 18,499		632 70	
“ Connecticut Mutual Life Ins. Co.				
“ R. T. Blow and John Rothschild	“ 18,500		983 15	
“ Marada Real Estate Co....	“ 18,501		225 00	
“ C. W. Rutledge, F. W. Mott, Wm. C. Uhre, Al. Wenzlich, J. G. Zimmer and F. L. Soldan	“ 18,502		1,050 00	
“ Thomas Noonan....	“ 18,503		1,145 30	
“ C. C. Newberry....	“ 18,504		585 00	
“ John W. Kueser....	“ 18,769		20 00	
“ August Bensinger....	“ 18,770		17 00	
				9,442 97
Removal of Garbage—				
Removal of garbage under contract....			88,561 82	
“ “ on days not specified in contract			9,220 00	
“ “ at markets, extra....			968 00	
				98,749 82
Repairs of Dykes, Wharf and River Bank—				
Wages of laborers and hire of teams....			1,311 57	
Repairs to wharf under contract....			22,802 66	
Repairing chains, rings, etc....			66 85	
Flag staff and repairing....			287 50	
Lumber, logs, etc....			272 12	
Pipe, cement, etc....			27 56	
				24,768 26
Repairs of New City Hall, Ord. 18,414—				
Services of laborer....			227 50	
Hauling rubbish....			195 40	
Erecting steel columns under contract....			4,378 00	
Changes in steel floor, girders, piers, pipe iron and stonework....			6,973 14	
				11,774 04
Salaries of Mayor, Comptroller, Auditor, Register and Treasurer—				
Mayor's office....			9,203 40	
Comptroller's office....			26,295 00	
Auditor's office....			17,799 84	
Register's office....			7,975 78	
Treasurer's office....			12,199 92	
				73,473 94

Scales—				
Bridge—				
Salaries of weigher and deputy		$1,579 53		
Scale inspection and repairs		36 59		
Fuel and ice		20 06		
Printing and stationery		4 25		
Cleaning rooms		2 95		
			$1,643 38	
City Market—				
Salary of weigher		900 00		
Scale inspection and repairs		8 50		
Fuel and ice		17 54		
Printing and stationery		32 45		
Repairing gutters and smoke stack of scale house		37 50		
			995 99	
North Levee—				
Salary of weigher		999 96		
Scale inspection and repairs		11 88		
Fuel		1 80		
Coal stove		9 10		
			1,022 74	
Soulard—				
Scale inspection and repairs			113 50	
South Levee—				
Salary of Weigher		999 96		
Scale inspection and repairs		57 00		
Fuel		6 00		
Printing and Stationery		2 85		
Lamp		3 65		
Repairing and reglazing Scale House		24 06		
			1,093 52	
Thorpe—				
Salary of Weigher		249 96		
Scale inspection and repairs		6 50		
Printing and stationery		5 35		
Glass		1 05		
			262 86	
				$5,131 99
Scavenger Dumps—Construction and Repairs—				
Wages of carpenters, laborers, etc			549 00	
Repairs to dump boats			212 20	
Lumber			435 52	
Nails and oakum			49 05	
				1,245 77
Scavenger Dumps—Salaries and Current Expenses—				
Salaries of Superintendent and watchmen			6,349 96	
Wages of laborers and hire of carts		243 75		
Fuel and ice		70 93		
Brooms, oil, saws, hatchets, spikes, salt, matches, lamps, etc		153 25		
Printing and stationery		3 50		
Repairing pumps, store and glazing		27 53	498 96	
				6,848 92
Sewer Contract Account—				
Rocky Branch sewer	Contract 3722		777 51	
Pine street sewer	" 3928		339 32	
Fillmore street sewer	" 4019		530 49	
Gravois ave. sewer	" 4018		4.331 56	
Rock Spring sewer	" 4019		965 61	
Southern sewer	" 4020		220 38	
Clarendon ave. sewer	" 4073		6,590 37	
Tower Grove storm sewer	" 4074		15,553 08	
Pine street sewer	" 4075		59 96	
Clarendon ave. sewer	" 4210		3,149 41	
Tower Grove storm sewer	" 4419		15,936 41	
				48,454 10
Sewers—Salaries, Current Expenses and Repairs—				
Salaries of Commissioner and employes			35,344 55	
Wages of laborers with carts		5,485 00		
Wages of sewer cleaners		21,151 16		
Tools and repairs		118 34		
Rubber boots and gloves		242 29		
Draughtsmen and surveyors' supplies and repairs		201 01		
Stakes		86 92		
Printing and stationery, City Directory		320 44		
Postage		15 00		
Car tickets		280 00		
Stove and typewriter repairs		13 75		
Bags and towels		17 40		
Fuel		21 00		
Recording plats and notary fees		41 65		

Horse board	$ 636 44		
Horse shoeing	84 85		
Harness and vehicle repairs	37 40		
Horse, wagon, harness, blankets and whips	244 25		
Reconstructing and repairs of sewers, Contract 3990	4,440 08		
“ “ “ “ 4232	7,309 56		
		$40,746 54	
Mill Creek sewer repairs		11,395 39	
Salaries and Expenses, making Surveys Ord. 14,846—			
Salaries of engineer, draughtsmen, etc	2,961 29		
Draughtsmen and surveyors' supplies and repairs	13 26		
Zinc plates of maps	75 20		
Lettering on title sheets of maps	17 50		
Express charges	98 02	3,165 27	
			$90,651 75
Signs for Street Names, Ord. 18,365—			
Wages of laborers		3,698 25	
Signs furnished under contract		5,043 37	
Lumber and posts		1,414 60	
Hardware, tools, ladders, clamps, bolts, sockets, etc.		634 61	
Paints, japan, asphaltum, turpentine, benzine and brushes		103 27	
Horse and wagon hire, harness and vehicle repairs		113 05	
Rent of depot		15 00	
			11,022 15
Special Attorney Fees—			
For services rendered by D. D. Fisher and E. C. Kehr, as special counsel for the city in the matter of contesting the claims of the National Subway Co., of Mo., under Ordinances 14,798 and 15,953			2,500 00
Special Tax—			
Davis Street Sewer District No. 12, Ordinance 18,755.		41 88	
Arsenal Street Sewer District No. 32, Ordinance 18,754		7 33	
Improving Louisiana avenue, Ordinance 17,991		554 61	
Improvement of Florissant avenue, Ordinance 18,471		557 61	
Improving Wyoming street, Ordinance 18,516		909 57	
Improvement of Indiana avenue, Ordinance 18,518		585 22	
Improvement of Rauschenbach avenue, Ordinance 18,627		586 64	
			3,242 86
Sprinkling Streets—			
Sprinkling in District No. 1		1,544 02	
“ “ 2		1,711 71	
“ “ 3		2,174 00	
“ “ 4		1,637 56	
“ “ 5		2,546 57	
“ “ 6		1,755 66	
“ “ 7		2,419 84	
“ “ 8		1,928 13	
“ “ 9		1,918 65	
“ “ 10		2,102 24	
“ “ 11		2,410 97	
“ “ 12		2,787 05	
“ “ 13		1,974 02	
“ “ 14		1,611 02	
“ “ 15		2,181 31	
“ “ 16		3,434 33	
“ “ 17		2,021 53	
“ “ 18		1,693 32	
“ “ 19		1,540 00	
“ “ 20		1,647 58	
“ “ 21		1,413 98	
“ “ 22		1,670 20	
“ “ 23		1,459 28	
“ “ 24		1,527 76	
“ “ 25		1,299 61	
“ “ 26		1,843 96	
“ “ 27		1,297 12	
“ “ 28		1,333 01	
“ “ 29		1,445 42	
“ “ 30		1,939 69	
“ “ 31		1,744 59	
“ “ 32		1,462 37	
“ “ 33		1,396 82	
“ “ 34		1,418 82	
“ “ 35		1,645 22	
“ “ 36		2,544 90	
“ “ 37		2,052 18	

Sprinkling in District No. 38		$1,390 95	
“ “ 39		1,185 82	
“ “ 40		1,315 24	
“ “ 41		1,140 63	
“ “ 42		1,979 98	
“ “ 43		2,131 92	
“ “ 44		1,711 37	
“ “ 45		1,630 60	
“ “ 46		1,455 00	
“ “ 47		1,490 31	
“ “ 48		2,193 00	
“ “ 49		3,085 01	
“ “ 50		2,340 00	
“ “ 51		2,218 24	
“ “ 52		3,985 27	
“ “ 53		2 735 11	
“ “ 54		2,971 20	
			$102,494 09
Sprinkiing Streets—Ordinance 14,911—			
Salaries of Inspectors		500 00	
Hire of sprinkling wagons		1,458 00	
			1,958 00
Street and Alley Contract Account—			
Improving King's Highway Boulevard	Ord. 18,095	305 40	
“ Evans avenue	“ 18.098	801 36	
“ Alley in block 2433	“ 18,110	195 00	
“ Easton avenue	“ 18,132	1,595 05	
“ Geyer avenue	“ 18,134	1,007 24	
“ Hickory street	“ 18,135	370 58	
“ Slattery street	“ 18,139	721 25	
“ Goode avenue	“ 18,203	748 00	
“ Alley in block 4	“ 18,224	122 00	
“ Twenty-first street	“ 18,249	209 00	
“ Alley in block 2487	“ 18,262	200 00	
“ Alley in block 2118	“ 18,270	225 00	
“ Bell avenue	“ 18,277	2,661 00	
“ Cook avenue	“ 18,278	360 00	
“ ~~Delmar Boulevard~~	“ 18,279	5,735 00	
“ “ “	“ 18,280	1,755 00	
“ Euclid avenue	“ 18.281	4,018 00	
“ “ “	“ 18,382	2,893 00	
“ Maryland avenue	“ 18,283	818 00	
“ McPherson avenue	“ 18,284	810 00	
“ Morgan street	“ 18,285	2,380 00	
“ Page Boulevard	“ 18.288	1,005 00	
“ “ “	“ 18.289	495 00	
“ Pendleton avenue	“ 18,290	900 00	
“ Taylor avenue	“ 18,291	2,295 00	
“ Crosswalks	“ 18.292	221 40	
“ California avenue	“ 18.309	1,683 00	
“ Cherokec street	Ord. 18,310 and 18,668	312 80	
“ Evans avenue	Ord. 18,311	825 00	
“ Folsom avenue	“ 18,312	2,394 00	
“ Lincoln avenue	“ 18,314	269 00	
“ Withnell avenue	“ 18,317	195 40	
“ Alley in block 2124	“ 18,328	110 20	
“ “ “ 2331	“ 18,329	76 00	
“ “ “ 2423	“ 18,330	108 50	
“ “ “ 3910s	“ 18,332	116 00	
“ Duncan avenue	“ 18,369	135 00	
“ Garfield avenue	“ 18,370	563 81	
“ Alley in block 3921	“ 18,372	510 00	
“ Vandeventer avenue	“ 18,397	162 00	
“ Alley in block 1192	“ 18,443	53 00	
“ “ “ 1330 and 1331s.	“ 18,444	45 00	
“ “ “ 1878	“ 18,447	180 00	
“ “ “ 2303	“ 18,448	110 00	
“ “ “ 2395	“ 18,449	47 00	
“ “ “ 3391	“ 18,450	75 00	
“ “ “ 4581	“ 18,452	150 00	
“ Delmar avenue	“ 18,453	1,443 82	
“ Euclid avenue	“ 18,454	220 00	
“ Finney avenue	“ 18,455	447 00	
“ Lasalle street	Ord. 18,456 and 18,671	176 00	
“ Lemp avenue	Ord. 18,458	539 38	
“ Oregon avenue	“ 18,459	135 00	
“ Page Boulevard	“ 18,460	3,198 25	
“ Ruiger street	Ord. 18,461 and 18,672	300 00	
“ Sarah street	Ord. 18,462	657 00	
“ “ “	“ 18,463	517 00	

Improving St. Alphonsus street	Ord. 18,464		$126 00	
“ Washington Boulevard	“ 18,465		932 40	
“ Carter avenue	“ 18,466		258 16	
“ Gano avenue	“ 18,467		345 00	
“ Linton avenue	“ 18,469		234 05	
“ Cote Brilliante Avenue	“ 18,470		498 00	
“ Florissant avenue	“ 18,471		500 00	
“ Lincoln avenue	“ 18,472		216 00	
“ Crosswalks	“ 18,474		789 55	
“ “	“ 18,475		596 64	
“ Alley in block 2354	“ 18,614		41 65	
“ Twenty-second street	“ 18,622		600 00	
“ Garrison avenue	“ 18,624		173 00	
“ Rauschenbach avenue	“ 18,626		145 00	
“ Wisconsin avenue	“ 18,628		70 00	
“ Rutger street	“ 18,632		675 00	
“ Wyoming street	“ 18,634		213 00	
“ “ “	“ 18,635		70 00	
“ Hickory street	“ 18,636		695 00	
“ Lucky street	“ 18,641		175 00	
“ Carter avenue	“ 18,643		120 00	
“ Warne avenue	“ 18,647		570 00	
“ Alice avenue	“ 18,638		588 60	
“ Algernon street	“ 18,651		500 00	
“ Taylor avenue	“ 18,652		356 00	
“ Cherokee street	“ 18,669		188 83	
“ Grand avenue	“ 18,673		1,396 00	
“ Crosswalks	“ 18,684		1,873 19	$61,576 51
Street Bridges and Culverts, Contract Account—				
Constructing culvert on Florissant ave., Ord. 18,245, Contract No. 4167			3,957 73	
Reconstructing Twenty-first street bridge, Ord. 18,404			5,357 11	9,314 84
Street Bridges and Culverts, Miscellaneous and Repairs—				
Salaries of engineers, surveyors, etc			5,199 96	
Wages of laborers, teams, etc		$11,951 74		
Tools and repairs		566 30		
Oils, paints, turpentine, etc		117 46		
Rope, nails, hardware, brooms, etc		177 93		
Macadam, sand, cement, clay pipe, woodblock and curbing		1,370 39		
Driving piles, iron work, bolts, rods, rivets, girders, castings, eye beams, etc		2,275 97		
Repairing sidewalk on Grand ave. bridge		116 00		
Lumber		6,395 01	22,970 80	
Printing and stationery, city directory		48 16		
Draughtsmen's supplies and repairs		80 93		
Car tickets		45 00		
Postage		5 00		
Furniture and stove repairs		10 25	189 34	28,360 10
Street Cleaning—Block System—				
Wages of foreman, laborers and carts			24,563 00	
Hand carts, galvanized iron boxes, scoops and sprinklers			252 75	24,815 75
Street Cleaning, Floating Dumps—				
Salaries of watchmen			5,303 77	
Wages of laborers and carts		1,977 37		
Towing dump boats		1,695 66		
Docking, repairing and painting boats		673 23		
Lumber		563 29		
Fuel		14 19		
Ice		32 95		
Services of diver and apparatus		102 00		
Oils, paints, brushes, etc		11 77		
Matches, brooms, rope, hatchets, oakum, salt, oil, etc		229 51		
Miscellaneous repairs to pumps, lamps, stove, etc		44 95	5,344 92	10,648 69
Street Cleaning—Labor and Carts—				
Salaries of overseers			7,587 50	
Wages of laborers and hire of teams in 1st District		39,258 87		
“ “ “ “ “ 2d “		61,527 26		
“ “ “ “ “ 3d “		33,973 36	134,759 49	142,346 99

Street Cleaning, Stone, Woodblock and Asphaltum Pavements—			
Salaries of superintendent and overseers		$2,400 00	
Sweeping and cleaning granite and woodblock streets by contract	$62,735 96		
Sweeping and cleaning asphaltum pavements by contract	8,288 36	71,024 32	
			$73,424 32
Street Commissioner's Department—			
Salaries of commissioner and employes		46,554 59	
Salaries of superintendent and employes of sprinkling		18,061 67	
Printing and stationery	2,219 93		
Postage	12 00		
Car tickets	375 00		
Telephone and clock rental	112 00		
City direcrories, badges, maps, framing and mounting	109 25		
Engineers and draughtsmen's supplies and repairs, blue prints and stakes	564 19		
Furniture and repairs, shades, water cooler	146 75		
Store, repairs and storage, linoleum	53 50		
Typewriter supplies	8 50		
Electric fans	36 00		
Fuel for testing laboratory	28 90		
Cornknives, bits, axes, picks, lettering device, etc	81 36		
Horse board	4,947 43		
“ shoeing	124 60		
Harness and vehicle repairs	293 45		
Veterinary services and clipping horses	10 00		
Horse and vehicle hire	19 00		
Horses, harness and blankets	214 00	9,355 86	
			73,972 12
Street Grades and Surveys—			
Salaries of engineers, draughtsmen, etc		10,820 33	
Horse board	378 00		
“ shoeing	15 00		
“ clipping	7 50		
“ hire	2 50		
Harness and vehicle repairs, rubber apron	71 60		
Nails, hardware, plumb bobs, etc.	128 05		
Cast Iron Corner Posts	252 00		
Alterations on city map	18 00	872 65	
			11,692 98
Street Reconstruction—Contract Account—			
Reconstructing Vandeventer avenue, Ordinance 18,489, Contract 4228			2,485 38
Street Repairs, Macadam and Other Material—			
Macadam in the 1st District	3,399 49		
“ “ 2d “	3,292 27		
“ “ 3d “	2 438 56		
“ “ 4th “	2,964 61		
“ “ 5th “	4,572 08		
“ “ 6th “	4,500 34		
“ “ 7th “	5,413 19		
“ “ 8th “	2 027 40		
“ “ 9th “	2,891 86		
“ “ 10th “	3,958 75		
“ “ 11th “	1,224 04		
“ “ 12th “	127 80		
		36,810 39	
“ “ 1st Workhouse District	719 13		
“ “ 2d “ “	3,938 19		
“ “ 3d “ “	2,417 69		
		7,075 01	
Gravel in the 1st Red Cement Gravel District	3,925 65		
“ “ 2d “ “ “ “	1,533 17		
“ “ 3d “ “ “ “	1,221 81		
“ “ 4th “ “ “ “	138 09		
“ “ 5th “ “ “ “	5,660 13		
		12,478 85	
“ “ 1st Gray “ “ “	10,874 71		
“ “ 3d “ “ “ “	5,504 90		
“ “ 4th “ “ “ “	3,494 40		
“ “ 5th “ “ “ “	59 45		
		19,933 46	

Gravel in the 1st Screened Gravel District	$4,158 21		
“ “ 2d “ “ “	661 83		
“ “ 3d “ “ “	6,531 27		
“ “ 4th “ “ “	5,004 91		
“ “ 5th “ “ “	6,552 23		
“ “ 6th “ “ “	3,238 42		
“ “ 7th “ “ “	316 46	$26,463 33	
			$102,761 04
Street Repairs—Miscellaneous Expenses—			
Wages of laborers and hire of carts in the 1st District	11,162 43		
“ “ “ “ 2d “	62,716 29		
“ “ “ “ 3d “	9,975 97		
		83,854 69	
Rollers and graders' repairs	431 87		
Tools and repairs	285 15		
Sprinkling wagon	600 00		
Lumber	691 88		
Fuel	248 27		
Ice	47 91		
Cement, lime and pipe	303 30		
Hose	231 75		
Bolts, chains, screws, padlocks, nails, lanterns, rope, axes, scythes, etc	242 28		
Oil, paints, turpentine, glass, varnish, copperas, waste, etc	51 87		
Flag pole	65 00		
Laying pipe	445 50		
Privilege of dumping cleanings in excavation	658 19		
Keeping and shoeing horses	3,111 74		
Horse and vehicle hire	4 00		
Rent of offices for district superintendents	600 00		
Printing and stationery	842 52		
Telephone rental	40 00		
City directories, rubber stamps, maps and repairs	37 65		
Awning and repairs, flag and tarpaulins	30 20		
Furniture and stove repairs, plumbing	62 08		
Soap, sponges, mops, mats, matches, brooms, brushes, buckets, dusters, dippers, etc	148 69		
		9,179 85	
Repairing gutters, curbs and crosswalks in 1st District	7,441 90		
Repairing gutters, curbs and crosswalks in 2d District	12,307 42		
Repairing gutters, curbs and crosswalks in 3d District	5,236 84	24,986 16	
			118,020 70
Street Repairs—Reconstructed Streets—			
Woodblocks, semi-annual payments	3,219 85		
Asphaltum, “ “	4,257 76		
		7,477 61	
Wages of laborers, teams and carts	23,802 61		
Taking up and relaying asphaltum	520 08		
Cement, pitch and asphaltum	2,960 38		
Sand and lime	1,392 91		
Blocks	380 40		
Vitrified brick	884 00		
Cordwood	652 39		
Rent of asphaltum plant, tools and repairs	541 10		
		31,133 87	
Retained Percentage returned on Expiring Contracts—			
Contract 1377	265 45		
Contract 1464	320 08		
Contract 1465	145 48		
Contract 1466	280 48	1,011 49	
			39,622 97
Street Repairs—Salaries—			
Salaries of district superintendents, assistants, clerks, inspectors and overseers		23,742 17	
Salaries of superintendent of excavation, book-keeper and clerk		2,623 39	
			26,365 56
Streets—Special Service—			
Salaries of inspectors			2,999 88
Temporary Wharf, St. Louis, Ord. 18,578—			
Work under contract		3,656 44	
Labor and material furnished		9,090 90	
			12,747 34
The State University Scholarship Income Account—			
Advertising			51 45

The State University Scholarship Fund — Bonds purchased				$ 3,624 35
Water Pipe—Contract Account—				
Laying water pipe in sundry streets—				
Contract 4062		$ 3,070 69		
“ 4063		12,719 29		
“ 4092		10,375 86		
“ 4093		11,998 51		
“ 4344		9,306 08		
“ 4345		8,060 63		
“ 4432		7,651 14		
			$63,182 20	
Furnishing and delivering—				
Special castings	Contract 4088	2,848 21		
“ “	“ 4351	2,399 42		
“ “	“ 4421	5,030 55		
			10,278 18	
Stop valves	“ 4089	4,458 28		
“ “	“ 4342	2,633 88		
“ “	“ 4431	7,568 38		
			14,660 54	
Water pipe	“ 4087	40,497 18		
“ “	“ 4350	51,700 01		
“ “	“ 4420	71,784 00		
			163,981 19	
Fire plugs	“ ——		1,375 00	
Bridge in Forest Park	“ 4221		10,544 92	
Iron caps, lead pipe, sewer pipe, drinking fountain, etc			340 92	
				264,362 95
Water Works—				
Commissioner's office—				
Salaries of commissioner and employes		7,970 29		
Printing and stationery, city directory		614 91		
Postage		20 00		
Telephone and clock rental		212 00		
Triangle instruments and compass		40 13		
Typewriter, repairs and supplies, rubber stamps		132 15		
Furniture and repairs, stove repairs, map case, etc.		149 85		
Towels and washing		44 00		
Brushes, pans, chamois, soap, dusters, mops, brooms, sponges, buckets, etc		27 30		
Keeping and shoeing horses		240 00		
Express charges and telegrams		24 65		
Sampling and testing coal		290 00		
			9,765 28	
Distribution System—				
Salaries of Engineers, Draughtsmen, etc.		13,607 56		
Draughtsmen and Surveyors' supplies and repairs		669 26		
Printing and stationery, map		279 40		
Car tickets		100 00		
Zinc, water-jugs, etc		4 70		
Horse		97 50		
Horse board		380 32		
Horse shoeing		57 25		
Horse and buggy hire, veterinary services		94 50		
Harness and vehicle repairs, harness, blankets and whips		205 60		
Lumber and painting poles		9 00		
Analysis of water, testing bronze, etc		112 50		
Expenses to Bessemer, Ala., inspecting pipes		569 05		
			16,186 64	
Tap and Meter Department—				
Salaries of Superintendent, etc		8,127 56		
Taps, cocks, pump, dials, ratchets, springs, files, etc		2,047 19		
Meters and repairs		1,577 31		
Lead pipe and solder		25 65		
Printing and stationery		85 50		
Stove repairs		4 70		
Mops, brooms, candles, sawdust and washing towels		12 65		
Horse board		841 35		
Horse shoeing		108 23		
Horse hire and veterinary services		70 00		
Horse clipping		4 00		
Harness and vehicle repairs		295 55		
Horse, harness and blankets		259 00		
			13,548 69	

Settling Basins—		
Salaries of Superintendent, keepers, etc	$55,766 39	
Printing and stationery	44 00	
Car tickets	60 00	
Scale inspection, time charts and stove repairs	30 92	
Forage	175 95	
Horse shoeing	52 10	
Harness and vehicle repairs	18 55	
Brogans, boots, sole leather, brooms, buckets, etc	297 83	
Hardware, rakes, scythes, stones, rope, packing, etc	403 25	
Lumber	1,809 13	
Chloride calcium, charcoal, glass and putty	47 33	
Mowing machine, plow and repairs	116 35	
Hose and couplings, hand car, iron kettles, pipe, wire, castings, etc	754 14	
Terra cotta, stone, macadam, sand, cement, sewer pipe, lime, pitch, etc	14,287 07	
Repairing buildings and hauling	21 35	
		$73,884 36
Inspection—		
Salaries of Inspectors	8,252 91	
Car seals and badges	14 75	
Printing and stationery	30 25	
Car tickets	260 00	
		8,557 91
Storage Reservoir—		
Salaries of Superintendent, keepers and laborers	6,988 21	
Furniture repairs, water cooler, stove repairs	28 40	
Fuel and ice	97 27	
Lumber, sand, gravel, clay pipe, seeds and trees	226 53	
Lawn mower, scythes, rakes, hose, etc	74 60	
Oils, paints, white lead, putty, turpentine, glass, brooms, brushes, etc	20 74	
Gauge repairs and sheets	13 50	
Sprinkling reservoir	411 25	
		7,860 50
High and Low Service Engines—		
Salaries of engineers, etc	131,228 72	
Coal	78,837 19	
Repairs to engines, machinery and boilers	1,639 87	
Tools and repairs, hardware, twine, etc	1,322 85	
Lumber and mill work	1,865 34	
Iron and steel castings, gauges, gaskets, bolts, switches, hand car, dies, etc	3,792 86	
Oil, packing, waste, grease, tallow, paste, solder, metal polish, rope, gasoline, etc	3,195 51	
Paints, oil, white lead, turpentine, varnish, glass, alcohol, etc	1,596 79	
Canvas duck, wire screens, roofing, building paper and toweling	250 34	
Sand, lime, cement, granite, brick, stone, clay pipe, mortar, etc	3,744 21	
Sole leather, hose, etc	123 25	
Repairing street car	39 10	
Flag and flag poles, bunting	471 15	
Filter, heater, water table, blow fan and feed pump	856 85	
Rent of locomotive and switching charges	3,723 00	
Printing and stationery, city directory	92 68	
Furniture and clock repairs, matting	64 90	
Carriage hire	35 00	
Telephone rent	60 00	
Electric fan	18 00	
Ice	871 88	
Soap, brooms, brushes, buckets, lye, mops, chamois, towels, paper, etc	262 23	
Scale inspection	12 00	
		234,103 72
Street Service Department—		
Salaries of superintendent, keepers, laborers, etc	73,550 09	
Tools and repairs, water cooler, cups, etc	724 06	
Lumber	1,818 73	
Brick, macadam, cement, granite, fire clay, roofing material, etc	370 02	
Valves, pipe, water glasses, gaskets, smoke stack, closet, pig lead, screw plugs, guage charts, etc	1,496 33	
Oil, packing, leather belting, rope, bags, etc	451 48	
Oils, paints, white lead, turpentine, varnish, glass, etc	125 91	

Hose, couplings, nozzles and pumps	$134 95		
Horses, buggy and harness	449 50		
Horse board	324 00		
" shoeing	202 20		
Harness and vehicle repairs, whips and umbrella	486 10		
Veterinary services and medicines, clipping horses	64 60		
Forage and bedding	519 43		
Printing and stationery, city directory	87 45		
Car tickets	200 00		
Telephone rent	100 00		
Furniture and stove repairs	15 00		
Chamois, sponges, soap, mops, brooms, grease, dusters, etc	28 52		
Awnings and repairs	24 05		
Scale inspection	3 00		
Fuel and hauling	1,033 85		
Ice	79 27		
Meals furnished while testing boilers	35 10		
Whitening stable	12 25		
Hauling dirt	16 00		
New connections repairing pipe line	33 10		
Work at Insane Asylum	45 65	$82,430 64	
			$446,247 74
Water Works Extension—Salaries and Expenses—			
Salaries of engineers, surveyors, draughtsmen, etc		37,760 50	
Printing and stationery, city directory and map	874 61		
Postage	15 00		
Car tickets	260 00		
Engineers, surveyors and draughtsmen, supplies and repairs	421 47		
Fuel, ice, and electric power	270 98		
Towels and washing	48 47		
Furniture, tarpaulins, awnings and iron pans	60 80		
Typewriter, repairs and supplies	95 25		
Oil, drugs, chemicals, sand, cement, macadam, etc.	168 19		
Hardware, tools, lanterns, scale and repairs	42 55		
Lumber and shingles	128 46		
Soap, lye, dusters, brooms, matches, toilet paper, polish, etc	73 26		
Apparatus, machinery and repairs	1,126 45		
Whitening office, plumbing and stove repairs	43 85		
Negatives of engines, express charges	94 95		
Horse board	576 00		
Horse shoeing and blacksmithing	159 20		
Horse and vehicle hire	6 00		
Harness and vehicle repairs, whips, blankets and dusters	214 80		
Clipping horses, veterinary services	26 50		
Forage	167 01		
Traveling expenses, cost of analysis and testing	684 18	5,557 98	
			43,318 48
Water Works Extension—			
Low service engine at Chain of Rocks, Ordinance No. 15,298—			
Work done under Contract 2773			32,282 54
High service engines Nos. 7 and 8, Ordinance No. 17,006—			
Work done under Contract 3549		82,554 98	
Tools, boiler tubes, etc		129 05	
Water separators		430 00	
			83,114 03
Pumping engines Nos. 6 and 7, Ord. No. 17,263—			
Work done under Contract 3571			44,542 45
Foundations for Engine, etc., at Baden, Ord. 17,339—			
Work done under Contract 3674		20,064 25	
" " " " 4474		3,861 27	
" " " " 4016		816 00	
Wages of laborers, etc		323 50	
Dynamo, separator and connecting		2,252 40	
Use of steam drill		120 90	
Sand, brick, cement, macadam and lumber		650 54	
Nails, roofing felt, gasoline, etc		22 63	
			28,111 49
Pump Main No. 7, Ord. 17,652—			
Work done under Contract 3842			5,857 91

Building, etc., High Service Pumping Station No 3, Ord. 17,737—			
Work done under Contract 3997		$ 7,061 84	
“ “ “ “ 4000		27,302 07	
“ “ “ “ 4168		40,728 65	
“ “ “ “ 4376		7,242 81	
Wages of carpenters, laborers, etc		8,451 52	
Track scale		500 00	
Macadam		403 98	
Lumber		548 41	
Steel rails, plates, castings, bumper, pipe, etc		365 04	
Tools, bolts, nails, washers and hardware		279 00	
Switching charges and use of drill		21 40	
Repairs in machine shop, etc		31 02	
			$92,935 74
High Service Pumping Engines, Nos. 9 and 10, Ord. 18,085—			
Work done under Contract 4427		38,627 30	
Water separators		570 00	
			39,197 30
Pump Main No. 8, Ord. 18,563—			
Material furnished under Contract 4422		33,900 00	
“ “ “ “ 4423		1,408 55	
			35,308 55
Stand Pipe at Compton Hill Reservoir, Ord. 18,565—			
Work done under Contract 4456			1,199 54
Witness and other Fees—Special Fund—			
Fees paid various persons			457 55
Work House—			
Salaries of superintendent, guards, foremen, etc		22,708 05	
Groceries and provisions	$2,910 89		
Meat and Fish	8,306 10		
Bread	9,052 23		
Ice	577 47		
Vegetables	137 02		
Fuel	1,409 16		
		22,392 87	
Drugs and medicines, disinfectants	286 66		
Dry goods, clothing, bedding and brogans	3,401 87		
Sole leather and findings	168 51		
Furniture, shades, wall paper, flag and scale inspection	18 60		
Range, stove, tableware, kitchen utensils, Tinware, etc	645 45		
Brooms, brushes, buckets, soap, mops, lye, matches, oil, straw, starch and blueing	737 34		
		5,258 43	
Guns and ammunition, tools and repairs	1,128 64		
Harness and vehicle repairs, cart wheels, collars, stable supplies	919 51		
Veterinary services	56 00		
Hardware, lumber, rope, seeds and flag	185 20		
Fuel, grease, paints, varnish, boots, brushes, sponges, chamois, brooms, etc	186 24		
Printing and stationery	44 50		
Repairing steam boiler	168 55		
		2,688 64	
Forage		2,961 28	
Mules		710 00	
Horse		85 00	
Harness		25 00	
Labor and material for repairs of buildings—including boilers, machinery and steam-heating apparatus—requiring prompt attention—			
Paints, oil, white lead, turpentine and glass	206 81		
Brick, lime and cement, fire-clay and sewer pipe	121 11		
Lumber	63 50		
Smoke stack, pump, steam pipe and grate bars	171 10		
Plumbing repairs	93 20		
		655 72	
Bills unpaid at beginning of fiscal year		94 38	
			57,579 37

BANK ACCOUNTS.

NATIONAL BANK OF SCOTLAND, LONDON, ENGLAND.

Dr.		
To Balance, April 13, 1896	$ 35,011 81	
" Remittances during fiscal year	111,199 59	
		$146,211 40
Cr.		
By Coupons paid during fiscal year	$106,304 48	
" Commissions, postage, etc	680 22	106,984 70
Balance to credit of City, April 12, 1897		$ 39,226 70

J. S. MORGAN & CO., LONDON, ENGLAND.

Dr.		
To Balance, April 13, 1896	$44,078 10	
" Interest allowed on cash balances	453 23	
		$44,531 33
Cr.		
By Coupons paid during fiscal year	$256 50	
" Commissions, advertising and postage	47 15	303 65
Balance to credit of City, April 12, 1897		$44,227 68

NATIONAL BANK OF COMMERCE, NEW YORK.

Dr.		
To Balance, April 13, 1896	$100,459 01	
" Remittances during fiscal year	920,000 00	$1,020,459
Cr.		
By Bonds paid during fiscal year	$186,000 00	
" Coupons and interest paid	615,555 67	
" Sterling exchange purchased and forwarded to National Bank of Scotland, London, England, by order of City Treasurer	106,377 50	
" Amount transferred to the National Bank of the Republic, New York, by order of City Treasurer	6,000 00	
" Commissions, etc	866 99	914,800 16
Balance to credit of City, April 12, 1897		$105,658 85

NATIONAL BANK OF THE REPUBLIC, NEW YORK.

Dr.		
To Balance, April 13, 1896	$10,562 00	
" Remittances during the fiscal year	32,500 00	
		$43,062 00
Cr.		
By Coupons paid during fiscal year	$33,120 00	
" Interest on Registered bonds paid	600 00	33,720 00
Balance to credit of City, April 12, 1897		$9,342 00

REVENUE FUNDS.

INTEREST AND PUBLIC DEBT REVENUE.

Cr.		
By Balance, April 13, 1896	$ 193,514 47	
" Receipts and transfers	1,370,078 28	
" Unexpended balance of appropriation	7,421 47	
		$1,571,014 22
Dr.		
To Appropriations and transfers		1,210,022 46
Credit balance, April 12, 1897		$ 360,991 76

MUNICIPAL REVENUE.

Cr.		
By Balance, April 13, 1896	$ 94,974 55	
" Receipts and transfers	4,980,523 80	
" Unexpended balance of appropriations	185,476 27	
		$5,260,974 62
Dr.		
To Appropriations and transfers		5,196,740 06
Credit balance, April 13, 1897		$ 64,234 56

WATER WORKS REVENUE.

Cr.		
By Balance, April 13, 1896	$ 342,271 64	
" Receipts and transfers	1,338,830 13	
" Unexpended balance of appropriations	52,553 02	
		$1,733,654 79
Dr.		
To Appropriations and transfers		1,451,328 97
Balance, April 12, 1897		$ 282,325 82

HARBOR FUND.

Cr.		
By Balance, April 13, 1896	$ 55,109 34	
" Receipts	64,573 63	
" Unexpended balance of appropriations	5,428 71	
		$ 125,111 68
Dr.		
To Appropriations		85,000 00
Balance, April 12, 1897		$ 40,111 68

LEDGER BALANCES, APRIL 12th, 1897.

	Dr.	Cr.
F. W. Baum	$ 922 13	
James Garrity	5 25	
William G. Heitmeyer	1 00	
E. J. Moriarty	178 00	
S. F. Sallman	149 32	
M. E. Susisky	44,765 93	
General Bond Account, "City"		$17,162,278 30
Park Bond Account		1,900,000 00
St Louis Gas Light Co. Judgment, Bond Account		950,000 00
Tower Grove Park Bond Account		340,000 00
Bills Receivable	1,196 63	
City of St. Louis	20,305,060 04	
Charles Scudder, Treasurer, University Scholarship Investment Account	5,400 00	
University Scholarship Investment Account		5,400 00
Treasury Warrant Account "Old"		49 25
City Treasury Note, Issue 1873		36 00
Unclaimed allowances on estates, under Sec. 236, R. S. 1889		58 55
Proceeds sales of unclaimed merchandise, under Sec. 6808, R. S. 1889		6 79
Sinking fund		99,748 36
Warrant account		222,251 76
Pay roll account		276,411 23
Charles Scudder, Treasurer, pay roll account	276,411 23	
General account		2,372,890 77^{05}
Charles Scudder, Treasurer	2,702,081 10	
Henry C. Sexton, late collector licenses		111 00
Henry Ziegenhein, Collector—		
State licenses	2,869 00	
Licenses	79,462 33	
Wharfage	12,993 06	
Street opening, special taxes	240,631 51	
“ sprinkling, special taxes, 1896	27,451 65	
“ “ “ “ 1895	13,681 63	
“ “ “ “ 1894	9,539 18	
“ “ “ “ 1893	4,485 15	
“ “ “ “ 1892	3,325 59	
“ “ “ “ 1891	1,734 40	
“ “ “ “ 1890	833 36	
“ “ “ “ 1889	684 32	
“ “ “ “ 1888	641 67	
Boulevards, special taxes	30,825 28	
University scholarship collections	2,175 00	
Back taxes, 1896	606,002 29	
“ “ 1895	212,979 17^{4}	
“ “ 1894	86,149 60^{6}	
“ “ 1893	40,681 99^{4}	
“ “ 1892	27,390 51	
“ “ 1891	9,416 79	
“ “ 1890	6,364 89	
“ “ 1889	4,915 73	
“ “ 1888	4,308 27	
“ “ 1887	3,664 83^{75}	
“ “ 1885 and 1886	10,118 16^{9}	
“ “ 1884 and prior years	20,176 10^{6}	
Delinquent R. R. taxes, 1875 and prior years	156,417 43	
Delinquent personal taxes	521,179 89^{4}	
Louis Grund, Assessor and Collector Water Rates	227,840 85	
M. D. Lewis, Recorder of Deeds		1,193 30
Emile Thomas, Marshal First District Police Court		291 25
Emile Thomas, Marshal Second District Police Court		37 00
John C. Lyons, Inspector Weights and Measures	2,111 90	
Chas. J. Price, Inspector Boilers and Elevators	2,580 00	
J. H. Bruere, Clerk Board of Health and Commissioner	136 00	
Henry Besch, Register	28 00	
A. Kleintopf, Clerk Second District Police Court		3 00
Sloan Pitzer, Clerk South St. Louis Police Court	1 50	
Wm. Schaefer, Jr., Weigher North Levee Scales	62 20	
Jno. M. Seymour, Weigher South Levee Scales	107 60	
Elias Houser, Weigher Bridge Scales	41 80	
Julia Mack, Weigher City Market Scales	88 35	
Wm. Wedler, Weigher Thorp Scales	61 00	

E. L. Schoenemann, Market Master and Weigher Soulard Market Scales		$ 253 30	
Jacob B. Evans, Market Master and Weigher South St. Louis Market Scales		115 00	
National Bank of Scotland, Limited, London, England		39,226 70	
J. S. Morgan & Co., London, England		44,227 68	
National Bank of Commerce, New York		105,658 85	
National Bank of the Republic, New York		9,342 00	
Charles Scudder, Treasurer, requisition account		49,910 25	
Payment city bonded indebtedness account			$273,321 89
National Bank of Commerce, New York, sterling account		24,956 41	
Interest and public debt revenue			360,991 76
Municipal revenue			64,234 56
Water Works revenue			282,325 82
Harbor fund			40,111 68
Opening streets, special fund		240,631 51	
Street sprinkling, special fund		39,939 40	
Boulevards, special fund		30,803 43	
Changing grade of Hickory street, judgments		15,157 50	
Changing street grades, special fund			14,846 20
Old county claims			2,242 43
Redemption of land sold for taxes			235 71
Refunding licenses and taxes, Thirteenth Ward			83 95
Refunding water pipe special taxes			862 94
Refunding meat shop licenses, Ord. No. 14,083			19 25
North wharf, floating debt			32 59
Retained percentage	Contract No. 2176		25,000 00
“ “	“ 2177		22,229 53
“ “	“ 2178		24,904 84
“ “	“ 2179		11,274 08
“ “	“ 2121 R		7,500 00
“ “	“ 3816		870 74
“ “	“ 3817		6,835 52
Street improvements		91 00	
Erection of hospital buildings			48,931 90
Contract and other deposits			79,057 96
Pay roll account. special fund			268 71
Public library, special fund			24,537 93
Witness and other fees, special fund			2,249 61
Redemption of bonds		27,000 00	
Lafayette Park			222 47
Special attorney's fees			3,500 00
Public buildings repairs			1,092 64
The State University scholarship fund			188 82
The State University scholarship income account			21 09
Erection of New City Hall	Ordinance No. 15,558		121,604 54
Repairs of New City Hall	“ 18,414		3,225 96
Female Hospital elevator	“ 18,819		900 00
Forest Park, propagating houses	“ 18,222		160 55
Insane Asylum, improvements, alterations and repairs	Ords. Nos. 16,871, 17,256		1,812 15
Jail, alterations and repairs	“ 17,960, 18,029		1,323 73
O'Fallon Park. constructing lake	“ 17,823, 18,031		211 84
Poor House, addition to boiler plant	Ordinance No. 18,808		2,850 00
Purchase of lots for engine house	“ 14,990		2,000 00
“ “ “	“ 14,992		750 00
“ “ “	“ 18,791		1,387 85
Purchase of lots and construction of engine house	“ 18,676		1,790 50
Erection of engine house	“ 18,790		3,500 00
“ “	“ 18,905		11,000 00
Reconstructing engine house No. 7	“ 18,576		579 50
Soulard Market repairs	“ 18,725		4,010 00
Temporary wharf, South St. Louis	“ 18,578		8,252 66
Maps of City of St. Louis, under Ord. No. 14,846	“ 17,933		401 00
Public drinking fountain	“ 18.161		431 75
“ “ “	“ 18,719		350 00
Signs for street names	“ 18,365		477 85
Relief of Dr. W. J. Wait	“ 18,381		1,950 00
“ Hill-O'Meara Construction Co	“ 18,821		369 74
Opening streets—floating debt			3,691 42
“ alley in Block 3052	Ordinance No. 15,102		585 76
“ “ “ 3924	“ 15,103		37 50
“ Rappahannock street	“ 15,312		21 35
“ Wisconsin avenue	“ 15,316		523 83
“ alley in Block 2484	“ 15,384		40 00
“ “ “ 2313	“ 15,441		13 35
“ Montgomery street	“ 15,623		5 00
“ Cottage avenue	“ 15,624		33 00
“ alley in Block 2088	“ 15.676		12 50

Opening alley in Block 3310	Ordinance No. 15,677	$ 98 75
“ “ “ 3757	“ 15,678	27 50
“ “ “ 3758	“ 15,679	22 22
“ “ “ 3906	“ 15,681	22 50
“ “ “ 324	“ 15,855	17 00
“ “ “ 2487	“ 15,856	25 00
“ “ “ 3307	“ 16,046	125 00
“ “ “ 3724	“ 16,047	30 00
“ “ “ 3759	“ 16,049	300 00
“ “ “ 2428	“ 16,079	5 00
“ “ “ 3037	“ 16,081	25 00
“ “ “ 4876	“ 16,084	150 00
“ “ “ 2320	“ 16,182	15 00
“ “ “ 1048	“ 16,252	2 00
Opening Waldemar avenue	“ 16,386	192 25
“ St. Vincent avenue	“ 16,403	4,304 10
“ alley in Block 2323	“ 16,404	57 15
“ “ “ 3006	“ 16,411	230 90
“ “ “ 4582-3	“ 16,542	131 90
“ Lucky street	“ 16,779	25 20
“ alley in Block 3760	“ 17,055	62 50
“ Washington avenue	“ 17,093	1,125 00
“ Delmar avenue	“ 17,099	75 00
“ Howard street	“ 17,271	31 00
“ Delmar avenue	“ 17,272	715 30
“ King’s Highway	“ 17,273	169 00
“ Garfield avenue	“ 17,356	2,745 20
“ Briggs avenue	“ 17,357	1 00
“ Forest avenue	“ 17,358	201 00
“ Skinker road	“ 17,359	1,663 95
“ Virginia avenue	“ 17,361	175 00
“ alley in Block 1428	“ 17,364	159 54
“ “ “ 2303	“ 17,365	21 00
“ “ “ 3762	“ 17,366	205 00
“ “ “ 3764	“ 17,368	30 00
“ “ “ 3765	“ 17,369	140 50
“ “ “ 3767	“ 17,370	105 00
“ “ “ 3769	“ 17,371	501 50
“ “ “ 3771	“ 17,372	210 00
“ Boyle avenue	“ 17,455	1 00
“ alley in Block 1982	“ 17,478	35 00
“ “ “ 3398	“ 17,479	30 00
“ “ “ 3770 S.	“ 17,480	125 00
“ Lexington avenue	“ 17,636	128 08
“ alley in Block 1331 N.	“ 17,917	300 00
“ “ “ 1981	“ 17,918	63 50
“ “ “ 3723	“ 17,920	175 00
“ Louisiana avenue	“ 17,921	1,469 25
“ Baldwin street	“ 17,938	125 00
“ Belleglade avenue	“ 17,939	2 00
“ Chippewa street	“ 17,940	24 00
“ Evans avenue	“ 17,941	100 00
“ Hickory street	“ 17,942	1,500 00
“ Ohio avenue	“ 17,943	80 00
“ Whittier street	“ 17,945	2 00
“ alley in Block 3001	“ 17,956	50
“ “ “ 3003	“ 17,957	115 98
“ “ “ 820 N	“ 18,060	72 00
“ Iowa avenue	“ 18,088	125 00
“ alley in Block 3937	“ 18,121	50 00
“ Minnesota avenue	“ 18,178	87 00
“ McPherson avenue	“ 18,180	1 00
“ alley in Block 3768 E.	“ 18,217	10 00
“ “ “ 3768 W.	“ 18,218	7 00
“ “ “ 2269	“ 18,219	28 05
“ Meramec street	“ 18,240	5 50
“ Rutger street	“ 18,307	1,320 00
“ alley in Block 3785	“ 18,360	477 60
“ “ “ 3786	“ 18,361	564 70
“ Lucky street	“ 18,362	640 80
“ Wisconsin avenue	“ 18,473	750 85
“ North Market street	“ 18,490	4,474 60
“ Lindell avenue	“ 18,512	2,359 00
“ alley in Block 3787	“ 18,587	175 00
“ “ “ 3788	“ 18,588	585 00
“ “ “ 3789	“ 18,589	1,520 25
“ “ “ 3791	“ 18,590	1,104 00
“ Ashland avenue	“ 18,597	2,790 50
“ Tower Grove avenue	“ 18,604	2,660 00
“ alley in Block 2287	“ 18,606	807 00

Opening alley in Block 2964	Ordinance No. 18,686	$2,420 45
“ “ “ 2970	“ 18,687	201 00
“ “ “ 2981	“ 18,688	517 25
“ “ “ 3721	“ 18,689	921 70
“ “ “ 3778	“ 18,690	387 00
“ “ “ 4556	“ 18 691	250 00
“ “ “ 4575	“ 18,692	1,633 40
“ “ “ 4576	“ 18,693	2,182 50
“ “ “ 5073	“ 18,694	1,174 40
“ Flad avenue	“ 18,701	1,692 50
“ Sidney street	“ 18,762	6,480 90
“ Cora avenue	“ 18,809	16,646 00
“ Thurman avenue	“ 18,824	13,272 60
“ Flora avenue	“ 18,825	30,884 00
“ Clara avenue	“ 18,842	11,740 00
“ alley in Block 3790	“ 18,849	2,806 55
“ “ “ 2199	“ 18,850	20 00
“ “ “ 2342	“ 18,851	1,011 95
“ Texas avenue	“ 18,906	6,560 10
“ Belt avenue	“ 18,907	3,048 00
Improving alley in Block 2437 S	“ 18.128	1,050 00
“ “ “ 3756	“ 18,271	79 00
“ “ “ 3915	“ 18,272	352 00
“ “ “ 4473-4-5-6	“ 18,273	260 00
“ “ “ 4583	“ 18,274	117 00
“ “ “ 5041	“ 18,275	210 00
“ Cook avenue	“ 18,278	675 00
“ Delmar boulevard	“ 18,279	858 00
“ Delmar boulevard	“ 18,280	4,532 00
“ McPherson avenue	“ 18,284	240 00
“ Cherokee street	Ordinances No. 18,668 and 18,310	204 20
“ Folsom avenue	Ordinance No. 18,312	1,343 00
“ Galle street	“ 18,313	170 00
“ Nebraska avenue	“ 18,315	763 00
“ Old Manchester road	“ 18,316	3,456 00
“ alley in Block 1523	“ 18,327	46 00
“ “ “ 3637	“ 18,331	371 00
“ “ “ 4553 N	“ 18,333	320 00
“ Vandeventer avenue	“ 18,397	2,540 00
“ alley in Block 3912	“ 18,451	173 00
“ Delmar boulevard	“ 18,453	491 18
“ Lasalle street	Ordinances No. 18,456 and 18,671	60 00
“ Lemp avenue	Ordinance No. 18,457	173 00
“ Lemp avenue	“ 18,458	763 62
“ Oregon avenue	“ 18,459	94 00
“ Rutger street	Ordinances No. 18,461 and 18,672	50 00
“ Washington boulevard	Ordinance No. 18.465	1,421 60
“ alley in Block 673	“ 18,607	62 00
“ “ “ 797	“ 18,608	47 00
“ “ “ 896	“ 18,609	80 00
“ “ “ 901	“ 18,610	20 00
“ “ “ 1511	“ 18,611	150 00
“ “ “ 1563	“ 18,612	40 00
“ “ “ 2133	“ 18,613	114 00
“ “ “ 2438	“ 18,615	300 00
“ “ “ 3902	“ 18,616	500 00
“ “ “ 3911	“ 18,617	570 00
“ “ “ 4578	“ 18,618	300 00
“ “ “ 4580 N	“ 18,619	140 00
“ “ “ 4580 S	“ 18,620	129 00
“ “ “ 5040	“ 18,621	78 00
“ Garrison avenue	“ 18,625	289 00
“ Coleman street	“ 18,631	170 00
“ Morgan street	“ 18,638	75 00
“ Newstead avenue	“ 18,640	163 00
“ Vernon avenue	“ 18,649	1,000 00
“ Olive street	“ 18,650	100 00
“ Taylor avenue	“ 18,653	37 00
“ Garfield avenue	“ 18,654	50 00
“ Vandeventer avenue	“ 18,656	160 00
“ “ “	“ 18,657	1,021 00
“ Blaine avenue	“ 18,658	100 00
“ Jefferson avenue	“ 18,660	375 00
“ Crosswalks	“ 18,683	882 00
“ “	“ 18,684	1,952 81
“ alley in Block 1887	“ 18,685	81 00
“ Bell avenue	“ 18,713	162 00
“ “	“ 18,714	320 00
“ Ohio avenue	“ 18,715	188 00
“ Lincoln avenue	“ 18,716	950 00

Improving Lincoln avenue	Ordinance No.	18,720	$ 149 00
“ alley in Block 2049	“	18,726	450 00
“ “ “ 2049	“	18.728	100 00
“ “ “ 1563	“	18,729	92 00
“ Ridge avenue	“	18,733	670 00
“ Ohio avenue	“	18,735	2,108 00
“ Easton avenue	“	18,736	970 00
“ alley in Block 1887	“	18,778	40 00
“ Crosswalks	“	18,806	2,907 00
“ California avenue	“	18,885	84 00
“ “ “	“	18,886	154 00
“ North Market street	“	18,887	150 00
“ “ “ “	“	18,888	115 00
“ Sarah street	“	18,889	125 00
“ “ “	“	18,890	351 00
“ “ “	“	18,891	175 00
“ “ “	“	18,892	30 00
“ Papin street	“	18,893	460 00
“ Grove street	“	18,894	180 00
“ “	“	18,895	164 00
“ Euclid avenue	“	18,908	330 00
“ “	“	18,909	1,680 00
“ Bayard avenue-	“	18,910	110 00
“ Goodfellow avenue	“	18,911	50 00
“ Hamilton avenue	“	18,912	270 00
“ Crittenden street	“	18,913	175 00
“ “ “	“	18,914	112 00
“ alley in Block 2114	“	18,915	150 00
“ “ “ 877	“	18,917	108 00
“ “ “ 1840	“	18,919	75 00
“ “ “ 1840	“	18,920	91 00
“ “ “ 1927	“	18,921	75 00
“ Leffingwell avenue	“	18,923	200 00
“ “ “	“	18,924	294 00
“ Nebraska avenue	“	18,925	180 00
“ “ “	“	18,926	83 00
“ Illinois avenue	“	18,927	125 00
“ “ “	“	18,928	441 00
“ Blair avenue	“	18,929	165 00
“ alley in Block 4875	“	18,931	200 00
“ “ “ 1800	“	18,933	68 00
“ “ “ 846 and 849	“	18,935	300 00
“ “ “ 1980	“	18,937	75 00
“ Ferry street	“	18,939	600 00
“ Salena street	“	18,941	300 00
“ College avenue	“	18,943	500 00
“ Euclid avenue	“	18,968	697 00
“ “ “	“	18,969	2,778 00
“ Bayard avenue	“	18,970	57 00
“ Goodfellow avenue	“	18,972	445 00
“ Hamilton avenue	“	18,973	741 00
“ Cook avenue	“	18,974	616 00
“ Aubert avenue	“	18,975	1,300 00
“ “ “	“	18,976	79 00
“ Newstead avenue	“	18,977	100 00
“ “ “	“	18,978	421 00
“ Crosswalks	“	18,979	4,228 00
Reconstructing Mallinckrodt street	“	18,699	54 00
“ Wash street	“	18,737	125 00
Sewer inlets	“	18,839	850 00
Tower Grove storm sewer	“	18,675	26,563 59
“ “	“	18,167	9,789 58
Twelfth street bridge, removal and construction	“	18,028	500 00
Jefferson avenue bridge, reconstructing floor	“	18,813	3,500 00
Clark avenue bridge	“	18,834	1,000 00
Special Tax Improvements—			
Alley in Block 2330	Ordinance No.	17,953	360 58
“ “ 2331	“	17,954	256 00
Louisiana avenue	“	17,991	507 32
Twenty-first street	“	17,996	207 59
Indiana avenue	“	18,137	425 65
Wyoming street	“	18,141	682 26
Old Manchester Road	“	18,316	168 00
Wyoming street	“	18,516	83 43
Indiana avenue	“	18,518	45 78
Rauschenbach avenue	“	18,627	123 36
Water Works Extension—			
Purchase of real estate	Ords. Nos. 16,352,	17,308	781 00

Gate House, etc., at Inlet Tower, Chain of Rocks	Ordinance No.	16,436		$ 5,568 75
High service engines Nos. 7 and 8	"	17,006		103,889 19
Pumping engines Nos. 6 and 7	"	17,263		41,586 16
Foundation for engine, etc., at Baden	"	17,339		70,118 24
Coal and material yard at Chain of Rocks	"	17,340		7,600 54
Pump, Main No. 7	"	17,652		34,335 52
Building, etc., at High Service Pumping Station No. 3	"	17,737		101,738 23
High service pumping engines Nos. 9 and 10	"	18,085		185,802 70
Pumping engines Nos. 8 and 9	"	18,562		225,000 00
Pump Main No, 8	"	18,563		139,691 45
Stand pipe at Compton Hill reservoir	"	18,565		98,800 46
Extension of Water Distribution System—				
Laying water pipe	"	18,823		26,000 00
" "	"	18,566		70,965 93
" "	"	18,525		5,618 04
" "	"	18,087		25,499 87
" "	"	18,187		9,587 86
Water pipe, valves, fire plugs, etc	"	18,844		79,000 00
" " "	"	18,564		18,891 69
" " "	"	18,188		1,741 18
Water Works Reconstruction—				
Reconstructing boiler plant at High Service Pumping Station No. 1	"	17,651		32,122 39
			$27,127,490 47^{15}	$27,127,490 47^{15}

BONDS PAID DURING FISCAL YEAR, 1896-97.

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount.
Ord. 12,028	Gold, $1000 £200	May 3, 1882.........	4 per ct.	10 — 20	May 3, 1902 .... Redeemable at City's option on or after May 3, 1892.	Nat. Bk. Commerce, N. Y. or London........ Called Nov. 3, 1896.	Renewal Bonds.................	$203,000 00
Ord. 12,485	Gold, $1000 £200	July 2, 1883.........	4 per ct.	10 — 20	July 2, 1903............ Redeemable at City's option on or after July 2, 1893.	Nat. Bk. Commerce, N. Y. or London........ Called Jan. 2, 1897.	Renewal Bonds.................	90,000 00
Ord. 15,367 Ord. 15,559 &c.	Sterling or U. S. Gold	} Nov. 2, 1891......	4 per ct.	20	Nov. 2, 1911...........	Nat. Bk. Scotland, London or New York... Purchased for Sinking Fund.	Renewal Bonds.................	2,433 25
								$295,433 25

STATEMENT OF CITY'S BONDED DEBT ON APRIL 12th, 1897.

BONDS ISSUED BY THE CITY FOR GENERAL PURPOSES AND TO REDEEM MATURING BONDS.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Amount Bonds Canceled.	Bonds When Canceled.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ordinance 10,743	$593,000	June 1, 1878	6 per cent	20	June 1, 1898			$ 35,580 00	$ 593,000 00
“ 10,743	675,000	Jan. 1, 1879	6 “	20	Jan. 1, 1899			40,500 00	675,000 00
“ 11,066	476,000	Jan. 1, 1880	5 “	20	Jan. 1, 1900			23,800 00	476,000 00
“ 13,061	620,000	Feb. 2, 1885	4 “	20	Feb. 2, 1905			24,800 00	620,000 00
“ 13,932	2,231,000	June 25, 1887	3^{65} “	20	June 25, 1907	$6,000	Mar. 30, 1889	81,212 50	2,225,000 00
“ 13,932 and 14,046	388,000	June 25, 1887	3^{65} “	20	June 25, 1907			14,162 00	388,000 00
“ 13,932 and 14,046	231,100	June 25, 1887	3^{65} “	20	June 25, 1907			8,435 15	231,100 00
“ 13,932 and 14,046	1,559,000	April 10, 1888	4 “	20	April 10, 1908			62,360 00	1,559,000 00
“ 14,347	1,985,000	July 1, 1888	4 “	30	July 1, 1918			79,400 00	1,985,000 00
“ 15,061	275,000	Aug. 1, 1889	3^{50} “	30	Aug. 1, 1919			9,625 00	275,000 00
“ 15,367	12,000	June 2, 1890	3^{50} “	30	June 2, 1920			420 00	12,000 00
“ 15,367 15,559, etc	£513,700	Nov. 2, 1891	4 “	20	Nov. 2, 1911	2,433 25	Nov. 6, 1896	99,899 51	2,497,487 80
“ 16,685	$1,155,000	Nov. 1, 1892	4 “	20	Nov. 1, 1912			46,200 00	1,155,000 00
“ 17,253	£257,000	Oct. 2, 1893	4 “	20	Oct. 2, 1913			50,027 62	1,250,690 50
“ 17,445	$2,000,000	June 1, 1894	4 “	20	June 1, 1914			80,000 00	2,000,000 00
“ 18,018	975,000	May 1, 1895	3^{65} “	20	May 1, 1915			35,587 50	975,000 00
								$692,009 28	$16,917,278 30

FOR PURCHASE OF REAL ESTATE.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Amount Bonds Canceled.	Bonds When Canceled.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ordinance 5,780	$ 245,000	April 10, 1866	6 per cent	40	April 10, 1906			$ 14,700 00	$ 245,000 00

FOR ST. LOUIS GAS LIGHT COMPANY—JUDGMENT.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Amount Bonds Canceled.	Bonds When Canceled.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ordinance 13,279	$ 950,000	June 1, 1885	4 per cent	20	June 1, 1905			$ 38,000 00	$ 950,000 00

FOR IMPROVEMENT OF TOWER GROVE PARK.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Amount Bonds Canceled.	Bonds When Canceled.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ordinance 6,606	$ 346,000	Aug. 1, 1868	6 per cent	30	Aug. 1, 1898	$ 6,000	April 2, 1887	$ 20,400 00	$ 340,000 00

BONDS ISSUED BY OLD COUNTY OF ST. LOUIS.

FOR FOREST PARK.

Authority For Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to run.	When Due.	Amount Bonds Canceled	Bonds When Canceled.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
State Act, Feb. 2, 1875, and Order of County Court, Feb. 18, 1875	$ 1,300,000	April 1, 1875	6 per cent	30	April 1, 1905	....	....	$ 78,000 00	$ 1,300,000 00
FOR O'FALLON PARK.									
State Act, March 12, 1875, and Order of County Court, Feb. 18, 1875	$ 400,000	April 1, 1875	6 per cent	30	April 1, 1905	....	....	$ 24,000 00	$ 400,000 00
FOR CARONDELET PARK.									
State Act, March 12, 1875, and Order of County Court, Feb. 12, 1875	$ 200,000	April 1, 1875	6 per cent	30	April 1, 1905	....	....	$ 12,000 00	$ 200,000 00

RECAPITULATION OF CITY'S BONDED DEBT.

GENERAL BOND ACCOUNT—"CITY"—		
Renewal Bonds and for other purposes	$ 16,917,278 30	
Purchase of Real Estate	245,000 00	
St. Louis Gas Light Company—Judgment	950,000 00	
Tower Grove Park Bonds	340,000 00	$ 18,452,278 30
GENERAL BOND ACCOUNT—"COUNTY"—		
Park Bonds		1,900,000 00
		$ 20,352,278 30

ANNUAL REPORT

OF THE

CITY TREASURER,

For the Fiscal Year Ending April 12, 1897.

St. Louis, June 29, 1897.

Hon. Henry Ziegenhein, Mayor of the City of St. Louis:

Sir — In conformity with the law, I hereby submit my annual report of the business transacted in the City Treasurer's office for the fiscal year ending with April 12, 1897, according to the books in said office.

Respectfully,

CHAS. SCUDDER,

Treasurer.

ANNUAL REPORT.

ABSTRACT OF RECEIPTS AND DISBURSEMENTS OF THE CITY TREASURER,

FOR THE FISCAL YEAR FROM THE 14TH DAY OF APRIL, 1896, TO THE 12TH DAY OF APRIL, 1897—BOTH INCLUSIVE.

Dr.			
1896. April 14....	To Balance..		$2,463,075 08
1897. April 12 ..	Assessor and Collector of Water Rates	$1,335,634 20	
	Collector of Revenue	6,259,777 39	
	Recorder of Deeds	45,867 90	
	Marshal	7,455 25	
	Inspector of Weights and Measures	10,117 30	
	" " Boilers and Elevators	13,202 00	
	Health Commissioner	33,174 29	
	Clerk of the Board of Health	901 00	
	Comptroller	76,959 76	
	Commissioner of Public Buildings	5,591 00	
	" " Supplies	8,410 67	
	Clerk of the Circuit Court	14,816 06	
	" " Criminal Court	2,940 65	
	" " Court of Criminal Correction	5,620 15	
	Clerk of the 1st District Police Court	295 50	
	" " 2d " " "	55 50	
	" " South St. Louis " "	10 50	
	Clerk of the 1st District Justice's Court	674 55	
	Clerk of the 2d District Justice's Court	609 60	
	Clerk of the 3d District Justice's Court	408 05	
	Clerk of the 4th District Justice's Court	818 45	
	Clerk of the 5th District Justice's Court	217 45	
	Clerk of the 6th District Justice's Court	212 85	
	Clerk of the 7th District Justice's Court	144 75	
	Clerk of the 8th District Justice's Court	551 90	
	Clerk of the 9th District Justice's Court	242 80	
	Constable of the 1st District Justice's Court	3,316 55	

		Cr.
1897. Ap'l 12.	By Assessment of Revenue	$ 73,446 14
	Assessor and Collector of Water Rates	57,013 70
	Board of Engineers and Boiler Inspector	11,593 78
	Board of Health and Commissioner	85,379 69
	Board of Public Improvements — President's Department	63,734 57
	Catching and Killing Dogs	4,999 50
	City Dispensary	47,274 29
	" Hall — Repairs and Alterations	1,840 12
	" " — Salaries and Current Expenses	12,411 08
	City Hospital	129,041 68
	" " — Temporary Quarters — Ord. 18,600	4,471 58
	City Hospital — Erysipelas Ward — Ord. 17,969	3,142 70
	City Hospital — Water Closets — Ord. 18,003	2,150 85
	Cleaning Levee and Removing Obstructions	6,553 39
	Commissioner of Public Buildings	20,042 12
	" " Supplies	11,852 33
	Concerts in Public Parks	5,993 84
	Contingent Fund	25,304 51
	Contract and other Deposits	551,507 54
	Coroner	17,334 67
	Costs and Legal Expenses	39,942 26
	Court House — Repairs and Alterations	2,871 00
	Court House — Salaries and Current Expenses	9,981 77
	Court House — Removal of Coping — Ord. 18,006	4,181 00
	Courts	207,216 14
	Election and Registration	110,089 08
	Electric Light	228,716 65
	Erection of New City Hall — Ord 15,558, etc	162,167 42
	Female Hospital	48,429 53

Constable of the 2d District Justice's Court	3,916 55	2,463,075 08
Constable of the 3d District Justice's Court	5,111 07	
Constable of the 4th District Justice's Court	9,455 25	
Constable of the 5th District Justice's Court	9,685 85	
Constable of the 6th District Justice's Court	7,974 72	
Constable of the 7th District Justice's Court	6,495 30	
Constable of the 8th District Justice's Court	5,901 85	
Constable of the 9th District Justice's Court	4,741 50	
Miscellaneous Accounts	117,660 76	
Park Commissioner	1,093 07	
Pay-Rolls Surrendered to Auditor	1,000 87	
Register	64 00	
Bridge Scales	1,641 80	
City Market Scales	2,022 90	
North Levee "	54 80	
South " "	438 00	
Soulard Market Scales	419 55	
South St. Louis "	225 00	
Thorpe Scales	40 00	
Sheriff	3,063 58	
State of Missouri	78,920 48	
State University Scholarship Fund	2,679 37	
" " " Income	26 00	
Superintendent of the Workhouse	959 80	
Contract and other Deposits	622,884 03	8,714,502 17
		$11,177,577 25

Female Hospital — Lying-in Ward — Ord. 18,092	9,997 50
Fire Alarm Telegraph	79,162 13
Fire Department	636,111 91
Firemen's Pension Fund	6,838 78
Four Courts Building — Repairs and Alterations	2,879 37
Four Courts Building — Salaries and Current Expenses	13,198 73
Fund for Numbering Houses	2,547 35
Gas Light	35,554 73
Gasoline Lamps	4,616 11
Harbor and Wharf	13,034 04
Harbor Boat	14,636 98
House of Refuge	46,869 26
" " " —Constructing Water Closets, Ord. 18,002	380 70
Insane Asylum	89,887 24
Inspector of Weights and Measures	7,775 63
Insurance	10,224 50
Interest	841,999 68
Jail	28,775 55
" — Alteration and Repairs, Ords. 17,960 and 18,029	190 00
Judgments	3,895 77
Jury and Witness Fees	57,613 00
Jury Commissioner	9,492 93
Law Department	13,775 86
Lighting Public Buildings	50,889 68
Making Back Tax Books and Bills	3,676 66
Markets	7,809 23
Marshal's Office	21,509 99
Maps of the City of St. Louis — Ords. 14,846 and 17,933	4,737 60
Mayor's Contingent Fund	11,000 00
Milk Inspector	3,102 38
Morgue	4,998 93
Municipal Assembly	34,430 85
New City Hall, Court House and Four Courts Building	7,028 36
New City Hall — Repairs and Alterations	437 30
New City Hall — Salaries and Current Expenses	6,663 64
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	713 17
Opening Streets Expenses	15,386 03
" Meramec street, Ord. 18,240	1,817 75
" Vandeventer av. " 18,308	11,623 00
" Minnesota avenue " 18,178	2,621 70

ABSTRACT OF RECEIPTS AND EXPENDITURES — *Continued.*

	$11,177,577 25	By Widening Nineteenth st., Ord. 18,373	$900 00
		Opening Alley in Block 1873 " 14,822	88 00
		" " " " 3906 " 15,681	102 53
		" " " " 3664 " 13,939	48 00
		" " " Blocks 4582 and 4583, Ord. 16,542	101 70
		Opening Lucky street, Ord, 18,362	3,979 20
		" Ohio avenue " 17,943	24 00
		" Alley in Block 3763 " 17,367	110 00
		" Alleys " 3786 " 18,361	556 00
		" Alley " 3785 " 18,360	306 30
		" " " 4555 " 16,051	124 00
		" Howard street " 17,271	262 00
		" Alley in Block 3768 " 18,217	840 00
		" " " 1883 " 10,227	6 23
		" " " 3760 " 17,055	50 00
		" Taylor avenue " 17,795	905 60
		" Rutger street " 18,307	18,685 80
		" Balwin street " 17,938	241 45
		" Alley in Block 1519 " 18,061	256 00
		" North Market street " 18,490	19,660 05
		" Lucky street " 16,779	85 00
		" Lexington avenue " 17,636	688 42
		" Alley in Block 3774 " 18,216	210 00
		" " " 3666 " 13,778	75 00
		" Forest avenue " 17,358	204 00
		" Alley in Block 4875 " 15,864	319 32
		" " Blocks 1793 4 and 5 " 13,758	41 00
		" " " 3307 " 16,046	25 00
		" " " 1859 " 13,049	33 00
		" Wisconsin avenue " 18,473	13,163 35
		" Cozzens avenue " 12,940	20 00
		" Alley in Block 3759 " 16,049	285 00
		" " " 3765 " 17,369	139 40
		" " " 1285 " 13,943	25 00
		" " " 3727 " 16,048	50 00
		" Iowa avenue " 18,088	604 50
		" Alley in Block 3662 " 13,774	40 00
		" " " 2269 " 18,219	604 80
		" Allen avenue " 18,306	12,150 00
		" Alley in Blks. 2076 and 2,077 " 16,078	360 00
		" McPherson avenue " 18,180	8,601 05
		" Alley in Block 3751 " 13,051	177 60
		" Taylor avenue " 17,457	660 00
	$11,177,577 25	" Alley in Block 1997 " 10,944	45 00

$11,177,577 25	By Opening Market street	Ord.	8,391	8 95
	" East Jefferson av.	"	11,028	166 66
	" Alley in Block 1244	"	10,945	40 00
	" Kennett street	"	7 450	207 50
	" Alley in Block 2131	"	14,229	60 00
	" Two Alleys in Block 820N.	"	18,060	72 00
	" Alley in Block 749	"	6,668	125 20
	" " " " 3769	"	17,371	525 00
	" " " Blocks 646-7	"	15,385	19 50
	" " " Block 3723	"	17,920	70 00
	" Lindell avenue	"	18,512	1,000 00
	" Alley in Block 2366	"	13,050	10 56
	" College avenue	"	15,624	33 06
	" 20th street	"	5,827	96 56
	" Alley in Block 2132	"	14,226	10 00
	" North Market street	"	6,921	18 00
	" Alley in Block 2320	"	16,182	15 00
	" " " " 2422	"	17,634	50 00
	" Virginia avenue	"	17,361	200 00
	" Tower Grove avenue	"	18,604	11,749 00
	" Alley in Block 2287	"	18,606	6,118 00
	" Union avenue	"	18,605	12,640 00
	" Alley in Block 3398	"	17,479	30 00
	Widening Ashland avenue	"	18,597	8 417 50
	Opening Alley in Block 327	"	11,280	40 00
	" King's Highway	"	17,273	215 50
	" Alley in Block 3661	"	13,777	17 50
	" " " " 3791	"	18,590	2,496 00
	" " " " 690	"	10,065	32 30
	" " " " 1862	"	11,139	25 00
	" " " " 3757	"	15,678	13 35
	" " " " 3637	"	13,776	54 00
	" " " " 3788	"	18,588	3,396 80
	" " " " 3911	"	15,682	137 50
	" Alley in Block 3762	"	17,366	60 00
	" Compton avenue	"	15,725	414 00
	" Alley in Block 3789	"	18,589	1,098 75
	" " " " 3787	"	18,587	1,388 00
	" Rappahannock st.	"	15,312	87 00
	" Alley in Block 2970	"	18,687	463 00
	" McRee avenue	"	18,702	300 00
	" Alley in Block 4556	"	18,691	1,350 00
	" Washington avenue	"	17,093	40 00
	" Alley in Block 3977	"	18,121	25 00
	" " " " 3771	"	17,372	120 00
	" Hickory street	"	17,942	130 00
	" Alley in Block 3721	"	18,689	1,229 40
$11,177,577 25	" " " " 2981	"	18,688	322 70
	" Sidney street	"	18,762	17,595 00

ABSTRACT OF RECEIPTS AND EXPENDITURES — *Continued.*

	$11,177,577 25	By opening Alley in Blk. 3770s, Ord. 17,480	$272 00
		“ “ “ “ 3153 “ 18,696	1,910 00
		“ Delmar avenue “ 17,272	1,800 00
		“ Alley in Block 5152 “ 18,695	1,910 00
		“ Taylor avenue “ 18,700	905 20
		“ Alley in Block 3037 “ 16,081	15 50
		“ “ “ “ 2313 “ 15,441	25 00
		“ “ “ “ 1331n “ 17,717	50 00
		“ “ “ “ 4576 “ 18,693	496 50
		“ Cora avenue “ 18,809	5,553 00
		“ Alley in Block 4575 “ 18,692	197 00
		“ “ “ “ 1984 “ 7,722	9 23
		“ “ “ Blocks 2304-5 “ 17,919	801 20
		“ “ “ Block 2964 “ 18,686	687 20
		Pay-Roll Account — Special Fund.....	851 72
		Park Commissioner....................	8,339 53
		Benton Park..........................	4,641 85
		Carondelet Park......................	5,674 32
		Carr Square..........................	1,113 39
		Forest Park..........................	49,275 95
		“ “ — Propagating House — Ord. 18,222..........................	2,821 35
		Fountain Park........................	544 25
		Gamble Place.........................	626 60
		Gravois Park.........................	1,086 29
		Hyde “	3,894 81
		Jackson Place........................	665 76
		Kenrick Garden.......................	14 00
		Laclede Park.........................	898 75
		Lafayette “	18,723 13
		Lyon “	1,676 71
		O'Fallon “	7,291 38
		“ “ — Constructing Lake, Ords. 17,823, 18,031..................	1,916 30
		St. Louis Place......................	4,081 83
		South St. Louis Square...............	779 06
		Tower Grove Park.....................	25,000 00
		Washington Square....................	674 40
		Plumbing Inspection Department	13,039 09
		Police — Salaries of Chief, Captains, Sergeants, Patrolmen and Detectives	827,426 19
		Police — all other Salaries and Current Expenses	146,527 58
		Police — Erection of Station Houses and Purchase of Lots	3,489 00
	$11,177,577 25	Poor House...........................	122,367 96

11,177 577 25	Poor House — Disposal of Sewage, Ord. 17,754	194 90
	Poor House — Temporary Quarters, Ord. 18,682	4,999 94
	Poor House — Bakery	25,188 54
	" " — Dairy	2,172 06
	Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	12,645 04
	Public Library — Special Fund	70,213 31
	Purchase of Lot and Construction of Engine House, Ord. 18,676	875 00
	Purchase of Lot for Engine House, Ord. 18,791	2,112 15
	Public Drinking Fountain—Ord. 18,161	68 25
	Public Buildings — Repairs	12,973 35
	Quarantine and Small-Pox Hospital	10,430 76
	Real Estate	3,963 04
	Recorder of Deeds	46,787 55
	Reconstructing of Engine House No. 7, Ord. 18,576	9,420 50
	Redemption of Bonds	322,518 41
	Refunding Meat-Shop Licenses — Ord. 14,083	267 75
	Reduction of Garbage	65,689 48
	Removal of Garbage	98,741 82
	Relief of Gustav Hobusch, Ord. 18,385	75 00
	" Carl Bajohr " 18,408	357 00
	" A. R. Pitkin " 18,479	750 00
	" Jno. Smith " 18,396	135 00
	" Euclid Park Improvement Co., Ord. 18,499	632 70
	" Nicholls-Ritter R. & F. Co., Ord. 18,492	592 25
	" C. C. Newberry " 18,504	585 00
	" H. L. Cornett " 18,495	473 65
	" " " 18,496	474 70
	" Isaac N. Miller " 18,497	263 50
	" " " 18,498	389 87
	" W. J. Brennan and S. A. McNamara, Ord. 18,493	232 50
	" Henry Hiemenz, Jr. " 18,491	461 35
	" H. F. James " 18,483	300 00
	" A. P. DeCamp " 18,494	280 00
	" Connecticut Mutual Life Ass'n, Ord. 18,500	983 15
	" John Wesley Kenser " 18,769	20 00
	" August Bensinger " 18,770	17 00
$11,177,577 25	Repairs of Dykes, Wharfs and River Bank	29,259 44

ABSTRACT OF RECEIPTS AND EXPENDITURES — *Continued.*

	$11,177,577 25	By Repairs of New City Hall, Ord. 18,414	$11,774 04
		Salaries for Mayor, Comptroller, Auditor, Register and Treasurer	73,515 33
		Scales	5,130 89
		Scavenger Dumps — Construction and Repairs	1,192 51
		Scavenger or Dumps — Salaries and Expenses	6,804 90
		Sewer Contract	45,446 68
		Sewers — Salaries, Current Expenses and Repairs	89,033 73
		Signs for Street names — Ord. 18,365	10,945 69
		Special Tax	3,242 86
		“ Attorney's Fees	2,500 00
		Soulard Market Repairs, Ord. 18,725	990 00
		Sprinkling Streets	102,494 03
		“ “ Ord. 14,911	1,970 00
		Street and Alley Contract	61,576 51
		Street Bridges and Culverts Contract	9,314 84
		“ “ “ “ — Miscellaneous and Repairs	28,630 86
		State University Scholarship Fund	3,624 35
		State University Scholarship Income	51 45
		Street Cleaning — Floating Dumps	10,827 77
		“ “ — Block System	24,815 75
		“ “ — Labor and Carts	142,346 99
		“ “ — Stone and Wood Block and Asphalt Pavements	73,424 32
		Street Commissioner's Department	73,893 85
		Street Grades and Surveys	11,798 40
		Street Reconstruction Contract	2,485 38
		Street Repairs — Macadam and other Material	102,147 38
		Street Repairs — Miscellaneous Expenses	118,293 98
		Street Repairs—Reconstructed Streets	38,344 77
		“ “ —Salaries	26,365 56
		Streets Special Service	2,999 88
		Temporary Wharf South St. Louis — Ord. 18,578	11,079 67
		Water Pipe Contract	268,567 51
		Water Works	446,260 45
		“ “ Extension—Low Service Engine at Chain of Rocks, Ord. 15,298	32,300 29
	$11,177,577 25	Water Works Extension — Pumping Engine No. 6, Ord. 17,263	35,996 44

		$11,177,577 25	Water Works Extension — Reconstructing Boiler Plant, High Service Pumping Station No. 1, Ord. 17,561 .	570 48	
			Water Works Extension — Buildings, etc., High Service Pumping Station No. 3, Ord. 17,737	90,671 05	
			Water Works Extension — Foundation for Engine at Baden, Ord. 17,339.....	24,250 22	
			Water Works Extension — Pump Main No. 7, Ord. 17,652.....................	5,857 91	
			Water Works Extension — High Service Engines Nos. 7 and 8, Ord. 17,006	79,903 15	
			Water Works Extension — Pumping Engines Nos. 9 and 10, Ord. 18,085...	38,627 30	
			Water Works Extension — Pump Main No. 8, Ord. 18,563............	35,308 55	
			Water Works Extension — Stand Pipe at Compton Hill Reservoir, Ord. 18,565................................	1,199 54	
			Water Works Extension — Salaries and Expenses.........................	43,716 01	
			Witness and other Fees—Special Fund	459 05	
			Work House...........	55,955 36	$8,475,496 15
			Balance............................ ...		2,702,081 10
		$11,177,577 25			$11,177,577 25

ANNUAL REPORT

OF THE

CITY REGISTER,

For the Fiscal Year ending April 12, 1897.

CITY REGISTER'S OFFICE, CITY HALL,
ST. LOUIS, May 1st, 1897.

Hon. Henry Ziegenhein, Mayor:

SIR — In compliance with the provisions of the City Charter, I have the honor to submit herewith my report of the business of this office for the year ending April 12th, 1897.

There have been filed in this office for safe-keeping, in accordance with the requirements of the Charter and Ordinances, the following documents, to wit, viz.: —

Ordinances passed by the Municipal Assembly numbered 18,505 to 18,981 inclusive	477
Contracts by the Board of Public Improvements numbered 4,187 to 4,538 inclusive	352
Contracts by the Commissioner of Supplies numbered 1,552 to 1,688 inclusive	137
Miscellaneous contracts numbered 104 to 120	17

Of the above duplicates have been furnished the Auditor.

BONDS.

Official	30	Vault and privy cleaners	4
Street railways	2	Permits to cut ice	0
Steam railways	4	Miscellaneous	5
Private scales, erection of	0	Weighers	18
Plumbers	68	Grading streets (private parties)	3
City deposits for	8	Conduit, etc	34
Drain layers	145		

ACCEPTANCES.

Street railways	6	Appointments of dep'y constables	4
Steam railways	0	Deeds	3
Leases	10	Dental certificates	46
Agreements	7	Miscellaneous papers	58
Miscellaneous	58	Druggists' certificates	48
Certificates of authority State Ins. Dept	10	Conduits	30
Maps and profiles	0	Appointments of deputy clerks Justice Courts	2

The following will show the cash received and turned over to the Treasurer as per receipts on file:—

On account of dental, druggists and notarial certificates	$ 64 00
On account of revised ordinances and certified copies of documents	132 00
	$196 00

Amount of printing for the several departments, for which vouchers have been made and sent to the Auditor, including printing in the newspapers authorized to do City printing: —

Auditor	$772 45	Quarantine	$3 50
Assessor	2,188 65	Sanitary Div	1,495 65
Ass't Prosecuting Att'y	36 00	House of Refuge	31 00
Boiler Inspector	309 14	House of Delegates	6,241 73
Bd. of Public Imp	11,030 53	Inspector W. and M	106 39
Harbor and Wharf Com	211 43	Jail	57 50
Lighting Dept	765 88	Jury Commissioner	218 00
Park Commissioner	178 49	Law Dept	1,553 73
Plumbing Dept	192 80	Mayor	484 04
Sewer Commissioner	232 10	Marshal	180 69
Street “	2,826 30	Milk Inspector	54 84
Water “	1,028 15	Recorder of Deeds	1,175 85
Work House	40 50	Recorder of Voters, and Board of Election Com'rs,	17,965 92
Com. Public Buildings	360 05	Register	9,134 68
Com. Supplies	2,096 31	Sheriff (Courts)	209 75
Comptroller	2,355 95	Treasurer	423 42
Coroner	165 00	Water Rates	1,029 08
City Attorney	129 00	Miscellaneous, Asst. City Atty	143 50
Council	5,372 12	City Chemist	71 50
Court Crim. Correction	868 50	Justice of Peace, 1st Dist	71 14
1st District Police Court	169 00	“ “ “ 2nd “	49 14
2d “ “ “	187 25	“ “ “ 3rd “	139 99
So. St. Louis “ “	60 75	“ “ “ 4th “	267 44
Fire Dept	1,080 00	“ “ “ 5th “	177 00
Fire Alarm Telegraph	179 00	“ “ “ 6th “	146 86
Health Commissioner	1,935 49	“ “ “ 7th “	27 24
Dispensary	555 50	“ “ “ 8th “	102 59
City Hospital	901 25	“ “ “ 9th “	88 42
Female Hospital	368 00		
Insane Asylum	310 00		$78,888 93
Poor House	332 75		

Miscellaneous accounts for which vouchers have been made and delivered to Auditor: —

Woodward & Tiernan, Postage	$72 75	
Julius Martin, Repairing Desks	17 15	
Herring-Hall-Marvin Co., Repairing Safe	9 00	
Condon Bros., Repairing Stove, etc	9 25	
B. Kloecker, “ Locks	50	
Grimm Eng. Co., Making plates, etc	1,040 15	
Geo. Winzer, Repairing numbering machine	3 75	
Wm. B. Dana & Co., N. Y., Reg. bonds	55 00	
The Evening Post, “ “ “	624 25	
St. Louis Evening Journal, City Printing	108 00	
“ Post-Dispatch, “	252 00	
“ Tageblatt, “	33 00	
“ Chronicle, “	162 00	
“ Amerika, “	55 00	
“ Anzeiger des Westens, “	74 77	
“ Tribune, “	100 00	
“ Globe Printing Co., “	206 70	
“ Republic, “	111 00	
		$2,934 27

ABSTRACT OF LICENSES, BILLS, CERTIFICATES, TICKETS, ETC., DELIVERED TO COMPTROLLER, BY CITY REGISTER, DURING THE FISCAL YEAR, COMMENCING APRIL 14TH, 1896, AND ENDING APRIL 12TH, 1897.

1896.	Merchants' Licenses.	Manufacturers' Licenses.	Dramshop Licenses.	Coal Tickets.	Commission Merchants' Licenses.	Market Rent.	Vehicle Licenses.	Dog Licenses.	Register's Fees.	Miscellaneous Licenses.
Month ending May 11	$56 60	$69 90	$26,544 80	$150 00	$25 00	$10,776 00	$531 00	$25 00	$100 00	$568 50
" " June 8	....	12 00	1,128 95	650 00	200 00	76 00	42 00	25 00	....	14,254 90
" " July 13	12,216 70	12,785 25	125,020 80	....	1,725 00	5,556 50	202 00	25 00	950 00	10,581 25
" " August 10	17,870 05	12,051 50	367,305 15	150 00	2,400 00	167 50	9 00	....	950 00	5,031 70
" " September 7	16,283 55	17,995 70	5,410 55	550 00	1,612 50	25 00	....	25 00	300 00	665 15
" " October 12	12,222 50	14,296 25	4,281 60	1,000 00	1,950 00	305 00	1 25	300 00	350 00	1,890 75
" " November 9	17,610 80	7,073 70	479 55	1,000 00	1,175 00	10,597 00	....	25 00	250 00	1,422 00
" " December 7	12,252 50	13,031 85	758 65	550 00	1,116 70	21 00	....	....	400 00	3,673 75
1897.										
" " January 11	35,399 60	19,804 60	451,652 85	1,100 00	1,575 00	935 00	22,588 00	620 50	1,050 00	2,004 25
" " February 8	14,433 45	8,375 10	34,727 95	550 00	400 00	5,459 00	4,399 50	2.100 00	200 00	15,861 10
" " March 8	7,306 60	4,032 85	6,908 05	550 00	112 50	25 00	6,211 50	650 00	50 00	944 50
" " April 12	7,784 50	7,215 80	4,504 35	550 00	575 00	....	14,960 00	625 00	100 00	18,209 25
Total	$153,436 85	$116,744 50	$1,028,723 25	$6,800 00	$12,866 70	$33,943 00	$48,944 25	$4,420 50	$4.700 00	$75,107 15

1896.	Rent Bills.	Street Openings.	Boiler Inspectors' Certificates.	Inspector of Weights and Measures Certificates.	Weigher's Tickets.	Water Licenses.	Building Permits.	Board of Health Permits.	Cost and Interest St. Openings	TOTAL.
Month ending May 11	$258 33	$37,820 35	$510 00	$540 00	....	$115,700 00	$586 50	$12 00	....	$194,273 98
" " June 8	258 33	56 75	975 00	1,495 00	$405 00	142,550 00	416 50	100 00	....	162,645 43
" " July 13	250 00	3,359 00	1,023 00	805 00	600 00	77,800 00	544 00	100 00	$61 43	253,604 93
" " August 10	296 78	....	2,195 00	1,200 00	1,005 00	93,465 00	592 00	100 00	83 40	504,872 13
" " September 7	350 05	56,017 60	1,015 00	830 00	200 00	87,100 00	471 00	12 00	....	188,863 10
" " October 12	253 28	....	1,045 00	735 00	605 00	189,065 00	397 00	120 00	163 93	228,981 56
" " November 9	250 00	....	1,695 00	570 00	400 00	131,300 00	399 00	120 00	103 87	174,470 92
" " December 7	250 00	21,169 20	1,025 00	685 00	400 00	131,865 00	398 00	100 00	159 88	187,856 53
1897.										
" " January 11	250 00	....	565 00	1,160 00	400 00	111,600 00	440 50	....	169 91	651,315 21
" " February 8	250 00	24,075 90	1,200 00	250 00	....	53,900 00	421 00	100 00	....	166,703 00
" " March 8	256 65	22,175 00	860 00	1,175 00	405 00	85,800 00	410 50	100 00	211 38	138,184 53
" " April 12	250 00	69,343 00	1,820 00	....	595 00	169,215 00	515 00	100 00	319 45	296,681 35
Total	$3,173 42	$234,016 80	$13,928 00	$9,445 00	$5,015 00	$1,389,360 00	$5 591 00	$964 00	$1,273 25	$3,148,452 67

In 1883 reports were made by nearly all the railroad companies, but they were for the latter half of the year only. They are subjoined:—

RAILROADS.	TRIPS.	PASSENGERS.
Baden and St. Louis	7,820	86,450
Benton-Bellefontaine	93,673	1,090,466
Cass Avenue and Fair Grounds	83,596	1,193,594
Citizens'	187,200	2,452,191
Forest Park and Laclede	No	report.
Fourth Street and Arsenal	No	report.
Jefferson Avenue	63,590	577,802
Lindell	252,900	2,794,007
Missouri	218,396	3,410,758
Mound City	73,148	820,513
Northern Central	No	report.
People's	91,690	1,531,389
St. Louis.	86,593	3,095,508
St. Louis Cable and Western	No	report.
Southern	107,906	1,051,055½
Tower Grove and Lafayette	78,980	584,798
Union	106,412	1,163,028
Union Depot	131,162	1,900,194
Totals	1,573,065	21,751,757½

Since that time yearly returns have been made by the street car lines of the city, showing the annexed statistics:—

RETURNS OF STREET CAR LINES FOR THE YEARS 1884 TO 1892, INCLUSIVE.

	1884.		1885.		1886.		1887.		1888.		1889.	
	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.
Baden and St. Louis	15,492	130,202	12,306	117,383	10,254	148,183	15,894	163,686	15,095	150,496	16,220	171,593
Benton-Bellefontaine	147,632	2,011,928	182,558	1,981,868	182,271	2,114,668	212,548	2,134,369	191,272	2,249,751	219,567	2,223,580
Cass Avenue and Fair Grounds	130,660	2,523,066	175,262	2,549,661	183,072	2,526,470	190,520	2,794,512	194,420	2,936,656	214,854	3,090,009
Citizens' Railway	391,631	4,800,134	424,832	4,783,776	398,988	3,860,346	338,266	3,513,108	442,426	5,070,118	364,216	7,023,739
Forest Park and Laclede	No re	port	94,456	807,610	169,426	1,457,740	150,081	1,798,700	172,256	1,483,619	175,362	1,103,866
Fourth Street and Arsenal	No re	port	No re	port	No re	port	No re	port	115,548	720,532	127,688	861,134
Jefferson Avenue	135,154	1,284,423	128,506	1,274,814	130,072	1,353,202	133,294	1,525,832	135,798	1,544,887	132,574	1,668,051
Lindell Railway	509,046	5,524,745	491,708	5,034,378	501,054	4,677,123	515,736	4,915,242	500,664	4,373,004	474,908	4,339,099
Missouri Railway	453,438	6,815,080	441,924	6,422,748	433,866	5,835,640	373,859	5,419,460	448,436	7,548,139	743,648	9,681,418
Mound City Railway	150,042	1,666,503	145,194	1,568,567	157,310	1,593,206	168,434	1,900,103	177,826	1,999,838	188,480	2,061,183
Northern Central Railway	No re	port	No re	port	147,332	1,721,001	232,886	2,574,824	228,620	2,345,525	193,146	2,074,481
People's Railway	180,884	3,067,680	174,382	2,884,735	187,668	3,176,089	197,850	3,354,848	186,284	3,230,868	170,268	2,785,258
St. Louis Railroad	179,961	5,859,574	173,026	5,467,689	181,228	5,810,066	190,586	6,470,405	191,225	6,499,594	210,188	7,030,325
*St. Louis Cable and Western	No re	port	No re	port	141,134	3,505,997	148,741	5,061,429	185,775	4,832,576	111,629	4,680,335
Southern Railway	203,040	1,978,362	174,447	1,980,894	175,458	2,239,971	177,377	2,542,366	179,521	2,637,663	177,953	2,732,295
Tower Grove and Lafayette	155,520	1,073,359	147,236	917,846	157,900	992,732	149,040	1,008,705	39,520	223,100	No re	port
Union Railway	177,760	2,208,983	201,746	2,059,051	219,590	2,152,959	221,456	2,194,849	223,598	2,193,192	246,864	2,117,806
Union Depot Railway	252,184	3,751,838	318,716	3,698,151	312,850	3,991,705	363,624	4,682,004	354,728	5,006,371	339,989	5,333,997
Totals	3,082,444	42,805,877	3,286,299	41,559,171	3,689,363	47,154,098	3,780,192	52,054,442	3,983,112	55,045,929	4,107,554	58,918,169

	1890.		1891.		1892.	
	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.
Baden and St. Louis	18,542	183,122	16,980	214,987	23,586	193,144
Benton-Bellefontaine	212,122	2,361,281	214,538	1,765,186	168,390	3,072,992
Cass Avenue and Fair Grounds	212,194	3,444,893	218,568	3,303,856	401,970	5 151,592
Citizens' Railway	359,160	8,538,786	373,596	8,864,232	405,498	9,372,125
Forest Park and Laclede	175,040	1,121,735	36,200	433,885	No re	port
Fourth Street and Arsenal	133,590	1,105,798	97,442	433,723	8,555	22,532
Jefferson Avenue	133,12	1,707,803	181,470	1,838,047	184,588	1,957,551
Lindell Railway	435,390	5,549,729	546,386	10,944,585	632,020	12,411,794
Missouri Railway	804,592	11,192,831	1,006,614	13,117,212	466,190	14,708,156
Mound City Railway	190,044	2,631,234	283,454	4,143,942	331,388	4,484,729
Northern Central Railway	165,076	2,197,064	166,976	2,207,707	82,286	1,046,508
People's Railway	192,548	4,541,819	222,128	4,367,652	231,022	4,731,379
St. Louis Railroad	242,950	7,610,553	716,724	10,811,160	818,354	12,301,596
*St. Louis Cable and Western	105 048	4,343,139	102,160	4,027,888	124,103	7,037,761
Southern Railway	173,826	2,636,558	347,588	4,270,105	336,018	4,744,761
Tower Grove and Lafayette franchise transferred to People's Ry						
Union Railway	254,148	2,200,976	204,556	1,810,270	101,732	820,497
Union Depot Railway	406,086	6,738,240	490,072	8,443,330	545,300	9,628,535
Total	4,213,518	68,105,561	5,235,452	80,997,767	5.361,973	91,685,555

* Now St. Louis and Suburban.

RETURNS OF STREET RAILWAYS FOR THE YEAR 1893.

	TRIPS.	PASSENGERS.
Baden and St. Louis	21,460	465,554
*Bellefontaine	61,971	1,962,445
Cass Avenue and Fair Grounds	590,652	7,585,270
Citizens'	740,426	8,746,551
Compton Heights, Union Depot and Mer. Ter	Included	in Lindell.
Forest Park, Laclede and Fourth Street	Included	in Missouri.
Fourth Street and Arsenal	Under re-	construct'n.
Jefferson Avenue	138,282	1,857,912
Lindell	1,124,656	14,270,478
Missouri	1,123,612	14,927,465
†Mound City	76,402	1,008,191
Northern Central ... Included in Cass	Av. and Fair	Grounds.
People's	224,678	4,663,638
St. Louis	791,404	11,939,629
St. Louis and Suburban	127,998	8,030,182
Southern Electric	314,785	5,427,259
Taylor Avenue	Included	in Lindell.
Union ... Included in Cass	Av. and Fair	Grounds.
Union Depot	657,472½	14,795,976
Vandeventer Avenue	Included	in Lindell.
Total	5,993,798½	95,680,550

* 1st and 2d quarter only, 3d and 4th quarters in Union Depot.

† 1st quarter only, 2d, 3d and 4th quarters in Union Depot.

STREET CAR RAILWAY RETURNS FOR THE YEAR 1894.

	TRIPS.	PASSENGERS.
Baden and St. Louis	54,092	423,660
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	670,654	79,443,106
Citizens'	543,436	7,160,890
Compton Heights, Union Depot and Mer. Ter	Included	in Lindell.
Forest Park, Laclede and Fourth Street	Included	in Missouri.
Fourth Street and Arsenal	Under re-	construct'n.
Jefferson Avenue	90,527	1,281,569
Lindell	1,283,138	17,425,971
Missouri	1,162,158	14,480,126
Mound City	Included in	Union Depot
Northern Central ... Included in Cass	Av. and Fair	Grounds.
People's	200,662	3,890,898
St. Louis	700,070	10,398,511
St. Louis and Suburban	118,445	7,754,752
Southern Electric	309,779	4,398,009
Taylor Avenue	Included	in Lindell.
Union ... Included in Cass	Av. and Fair	Grounds.
Union Depot	633,964	18,544,278
Vandeventer Avenue	Included	in Lindell.
Total	5,766,925	95,201,770

STREET CAR RAILWAY RETURNS FOR THE YEAR 1895.

	TRIPS.	PASSENGERS.
Baden and St. Louis	43,032	239,271
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	683,058	9,511,612
Citizens'	299,228	7,370,798
Compton Heights, Union Depot and Merchants' Terminal	Included in	Lindell.
Forest Park, Laclede and Fourth Street	" "	Missouri.
Fourth Street and Arsenal	Under Re	construction
Grand Avenue	Included in	Union Depot
Jefferson Avenue	134,215	1,158,934
Lindell	1,281,024	20,237,599
Missouri	1,226,678	15,303,467
Mound City	Included in	Union Depot
Northern Central ... Included in Cass	Av. and Fair	Grounds.
Peoples	220,668	3,903,362
St. Louis	779,100	10,908,565
" and Suburban	105,806	7,803,746
Southern Electric	332,352	4,636,160
Southwestern	Included in	St. Louis.
Taylor Avenue	" "	Lindell.
Union ... Included in Cass	Av. and Fair	Grounds.
" Depot	688,148	21,924,258
Vandeventer Avenue	Included in	Lindell.
Total	5,793,309	102,997,772

STREET CAR RAILWAY RETURNS FOR THE YEAR 1896.

	TRIPS.	PASSENGERS.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	" "	Union Depot
Cass Avenue and Fair Grounds	684,770	9,546,996
Citizens'	312,130	8,539,688
Compton Heights, Union Depot and Merchants' Terminal	Included in	Lindell.
Forest Park, Laclede and Fourth Street	" "	Missouri.
Fourth Street and Arsenal	Under Re	construction
Grand Avenue	Included in	Union Depot
Jefferson Avenue	146,240	1,865,510
Lindell	1,231,114	21,535,251
Manchester Road Electric Ry. Co	Included in	Suburban.
Missouri	981,777	15,359,741
Mound City	Included in	Union Depot
Northern Central ... Included in Cass	Av. and Fair	Grounds.
Peoples	218,664	3,882,936
St. Louis	945,348	12,325,451
" and Suburban	142,546	9,892,612
Southern Electric	330,184	5,460,543
Southwestern	Included in	St. Louis.
Taylor Avenue	" "	Lindell.
Union ... Included in Cass	Av. and Fair	Grounds.
" Depot	642,431	23,772,345
Vandeventer Avenue	Included in	Lindell.
Total	5,635,204	112,181,073

RETURN OF STREET CAR RAILWAYS FIRST QUARTER ENDING MARCH 31ST, 1897.

	TRIPS.	PASSENGERS.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	" "	Union Depot
Cass Avenue and Fair Grounds	162,630	2,110,910
Citizens'	76,924	1,968,350
Compton Heights, Union Depot and Merchants' Terminal	Included in	Lindell.
Forest Park, Laclede and Fourth Street	" "	Missouri.
Fourth Street and Arsenal	Under Re	construction
Grand Avenue	Included in	Union Depot
Jefferson Avenue	36,094	392,057
Lindell	269,402	4,509,499
Manchester Road Electric Ry. Co	Included in	Suburban.
Missouri	262,515	3,520,588
Mound City	Included in	Union Depot
Northern Central ..... Included in Cass	Av. and Fair	Grounds.
Peoples	53,366	815,854
St. Louis	218,580	2,587,798
" and Meramec River R. R	Included in	Suburban.
" and Suburban	38,652	2,454,224
Southern Electric	50,246	1,426,195
Southwestern	Included in	St. Louis.
Taylor Avenue	" "	Lindell.
Union ..... Included in Cass	Av. and Fair	Grounds.
" Depot	149,258	5,322,079
Vandeventer Avenue	Included in	Lindell.
Total	1,317,667	25,107,554

TRACK MILEAGE OF STREET RAILROADS,

APRIL 1ST, 1896.

NAME OF ROAD.	MILES OF SINGLE TRACK.			REMARKS.
	Cable.	Electric.	Author-ized.	
Cass Ave. & Fair Grounds R'y Co.				
Cass avenue Division	....	11.44	2.50	
Northern Central Division	....	8.76	4.66	
Union Line Division	....	10.22	10.87	
Southern Railway Co.	....	3.00	2.03	Uses 4.95 miles of St. Louis R. R. Electric Track. Uses 1.52 miles of St. Louis R. R. Cable Track. Uses 2.22 miles of Cass avenue Electric Track.
St. Louis Railroad Co.	14.67	4.95	....	
Baden & St. Louis Railroad Co.	....	6.70	....	
Citizens Railway Co	....	16.60	....	
Delmar Ave. & Clayton R'y Co.	....	....	0 93	Extends outside of City limits to Clayton.
Jefferson Ave. Railroad Co.	....	7.26	....	Uses 0.25 miles of Citizens R'y Electric Track.
Kingshighway Railroad Co.	....	....	2.25	
Lindell Railway Co.				
Delmar avenue Division	....	14.12	....	
Page avenue Division	....	4.96	....	Uses 8.57 miles of Delmar avenue Division.
Chouteau avenue Division	....	8.63	....	Uses 1.57 miles of Delmar avenue Division.
Vandeventer avenue Division	....	5.55	....	
Taylor avenue Division	....	8 37	3.01	Uses 1.48 miles of Delmar avenue Division.
Cottage avenue Division	....	2.68	....	
Compton Heights Division	....	9.27	0.74	Uses 2.18 miles of Delmar avenue Division. Uses 0.75 miles of Chouteau avenue Division.
Forest Park Division	....	2.34	....	Uses 8.63 miles of Chouteau avenue Division. Uses 1.57 miles of Delmar avenue Division.
Clayton and Forest Park R'y Co.	....	1.25	....	
Missouri Railroad Co.				
Olive street Division	9.06	....	....	
Market street Division	....	9.92	2 68	
Forest Park, Laclede and 4th St. Division	....	6.84	....	Uses 0.10 miles of Peoples R'y Track. Uses 0.62 miles of Olive St. R'y Track. Uses 1.81 miles of Market Street R'y Track.
Peoples' Railway Co.	10.10	....	....	
Fourth St. and Arsenal R'y Co.	....	....	3.55	Will use 1.01 of Peoples R'y Track.
St. Louis & Suburban R'y Co.	....	18.14	....	
Manchester Road Elec. R'y Co.	....	....	5.17	Will use 3.44 miles of St. Louis & Suburban Track.
Southern Electric Railroad Co.	....	16.56	10.13	Uses 0.61 miles of Union Depot R. R. Track. Uses 1.08 miles of Cass avenue Track. Uses 0,21 miles of St. Louis R. R. Track. Uses 0.34 miles of Union Line Track.

TRACK MILEAGE OF STREET RAILROADS — *Continued.*

NAME OF ROAD.	MILES OF SINGLE TRACK.			REMARKS.
	Cable.	Electric.	Author-ized.	
Union Depot Railroad Co.				
Carondelet Division	....	17.15	....	Uses 0.28 miles of St. Louis R. R. Cable Track. Uses 0.15 miles of Cass avenue Track. Uses 0.63 miles of Compton Heights Track. Uses 0.05 miles of Lindell R'y Track.
Tower Grove Division	....	12.44	3.04	Uses 2.76 miles of Carondelet Division Track.
Cherokee street Division	....	7.28	....	Uses 3.92 miles of other Division Track.
Prairie avenue Division	....	5.38	....	Uses 0.91 miles of Compton Heights Track. Uses 0.31 miles of Bellefontaine Track. Uses 2.51 miles of other Division Track.
Mound City Division	....	7.12	....	Uses 1.20 miles of Bellefontaine Track. Uses 0.86 miles of Carondelet Division Track.
Grand Avenue R'y Division	....	8.00	....	Uses 1.44 miles of Bellefontaine Track. Uses 2.18 miles of Citizens R'y Track. Uses 0.57 miles of Lindell R'y Track. Uses 1.37 miles of Peoples R'y Track.
Bellefontaine Division	....	13.70	....	Uses 0.91 miles of Lindell R'y Track.
Florissant Avenue Elec. R'y Co.	....	0.76	....	

RECAPITULATION.

Cable	33.83 miles of single track.
Electric	249.39 miles of single track.
Total in operation	283.22 miles of single track.
Total authorized	62.01 miles of single track.

LIST OF DENTISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH THE ACT OF THE LEGISLATURE, APPROVED FEB. 20th, 1883.

No. of Cert.		Date of Registration.
125	Anderson, George H	Nov. 12, 1892.
30	Bass, I. A	May 22, 1883.
38	Brackett, Saml. J	Jun. 6, “
51	Brecht, J. E	“ 28, “
182	Bredgmar, Geo. D	Sept. 10, 1895.
65	Bowman, G. P	Feb. 23, 1884.
74	Ball, S. E	Mar. 28, “
75	Bronson, Geo. A	“ 28, “
87	Bushong, A. J	May 8, 1885.
95	Bremermann, Chas. M	Dec. 17, 1887.
99	Beal, Geo. E	Nov. 17, 1888.
116	Bedell, A. W	May 7, 1892.
140	Beaukner, Fred	Mar. 31, 1894.
144	Becker, Emil F	Jul. 24, “
145	Bartlett, Walter M	“ 25, “
148	Bender, Ernest P	Oct. 11, “
149	Bond, Frank H	“ 11, “
151	Baird, Henry M	“ 20, “
165	Brawner, Chas. J	Dec. 15, “
178	Baker, Jas. M	Apl. 1, 1895.
15	Chase, H. S	May 14, 1883,
21	Cassell, Julius, Sr	“ 16, “
34	Canine, R. H	“ 28, “
39	Chase, E. C	Jun. 9, “
40	Campbell, Will O	“ 14, “
43	Campbell, Jno	“ 14, “
44	Conrad, W. N	“ 20, “
77	Chase, J. H	Mar. 29, 1884.
83	Clark, A. J	Apl. 26, “
88	Cassilly, Jno. P	May 26, 1885.
97	Collins, Henry A	Mar. 26, 1888.
106	Chase, Mrs. Emma E	Jun. 13, 1889.
114	Cotton, Wilson H	Mar. 17, 1891.
118	Coyle, Jas. S	Jun. 15, 1892.
131	Cassell, Herman F	May 1, 1893.
134	Chisholm, E. S	Jan. 15, 1894.
136	Clark, Jas. B	Feb. 26, “
142	Conselman, Oscar	Jun. 1, “
143	Cox, Wm. G	“ 4, “
147	Chase Fred'k B	Aug. 18, 1894.
157	Cowdery, Clarence C	Nov. 1, “
164	Cleveland, Chas. E	Dec. 12, “
167	Chisholm, Jas. C	Jan. 24, 1895.
170	Cord, W. J	Mar. 2, “
84	De Voe, T. J. B	May 15, 1884.
152	Dunning, Chas. H	Oct. 23, 1894.
173	Diekweite, F. E	Mar. 2, 1895.
176	Dill, E. H	“ 6, “
25	Eiseman, A. H	May 18, 1883.
29	Ehmann, Edw	“ 19, “
57	Eames, Wm. H	Jun. 30, “
96	Eisloeffel, Peter H	Mar. 8, 1888.
12	Fisher, Jos. A	May 9, 1883.
16	Flickinger, Adam	“ 15, 1883.
183	Fulkerson, Frederick M	Oct. 7, 1895.
17	Fuller, A. H	“ 15, “
41	Ferguson, Jno. G	Jun. 14, “
45	Fisher, Henry	“ 20, “
67	Foster, J. Levic	Mar. 14, 1884.
94	Flannigan, Edw	Sep. 22, 1887.
108	Field, Henry D	Mar. 21, 1890.
119	Fields, D. W	Jun. 20, 1892.
129	Fletcher, Frank F	Nov. 14, “
193	Gibson, Geo. Henry	Apl. 8, 1896.
13	Grimes, F. T	May 11, 1883.
71	Green, Chas. R	Mar. 27, 1884.
79	Grau, John F	“ 31, “
86	Geho, Wm. L. B	May 4, 1885.
160	Grorhieder, Jesse E	Nov. 12, 1894.
181	Head, Thomas Douglas	“ 18, 1895
180	Henderson, James Alexander	“ 18, 1895
191	Hill, Harry M	Mar. 4, 1896

LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
2	Holcomb, W. H	Apl. 21, 1883.
18	Houston, Chas. F	May 15, “
19	Holmes, Geo. P	“ 15, “
37	Howard, Jasper	Jun. 6, “
46	Harper, John G	“ 20, “
47	Haskell, Jas. N	“ 23, “
62	Hermann, Wm. F	Jul. 17, “
70	Hart, Nicholous C	Mar. 27, 1884.
73	Hubert, S. H	“ 28, “
103	Harrington, Thos. N	“ 16, 1889.
110	Hulze, Edw. A	“ 26, 1890.
113	Hellmuth, Philip F	Nov. 26, 1890.
117	Hurd, Everett M	June 2, 1892.
137	Haines, Jno. C	Mar. 14, 1894.
155	Hickman, Chas. L.	Oct. 27, “
168	Haxmann, Fritz W	Feb. 15, 1895.
174	Holschbach, Jno. P	Mar. 2, “
82	Isbell, Jno. B	Apl. 18, 1884.
102	Israel, Morris	Mar. 15, 1889.
4	Johnson, E. V	Apl. 26, 1883.
5	Jacob, L	“ 28, “
10	Jocelyn, D. I	May 9, “
14	Jocelyn, C. W	“ 14, “
56	Jack, D	June 30, “
72	Jons, W. A	Mar. 27, 1884.
35	Keck, C. E	June 4, 1883.
61	Kavanaugh, Michael	July 9, “
68	Keith, H. H	Mar. 25, 1884.
101	King, Geo. O	“ 11, 1889.
154	Kennerly, Jno. H	Oct. 26, 1894.
172	Kiess, H. W	Mar. 2, 1895.
89	Leightnoll, J. I	Oct. 6, 1885.
98	Lange, Wm. G	May 12, 1888.
190	Langley, James W	“ 3, 1896.
185	Lawrenz, William Frederick	Nov. 1, 1895.
189	Le Crown, Daniel O. M	Feb. 19, 1896.
100	Lindsay, Jos. W	Jan. 24, 1889.
150	Lierwan, Wm. J	Oct. 17, 1894.
159	Lockridge, Robt. L	Nov. 12, “
166	Lindsley, DeCoursy B	Dec. 22, “
187	Mace, R H	Dec. 5, 1895.
194	Marsh, John Wetmore	Apl. 13, 1896.
26	Marshall, Jas. M	May 18, 1883.
53	Murray, Alexander	June 29, “
55	Muth, W. E	“ 30, “
58	Morrison, Wm.N	July 2, “
59	Mayer, C	“ 5, “
69	Milham, Oliver	Mar. 27, 1884.
91	Miller, Herbert C	May 3, 1886.
104	Mayer, Hunford	Apl. 6, 1889.
109	Mame, Geo. E	Mar. 25, 1890.
124	Morrison, P. Holme	Oct. 26, 1892.
128	Mallinckrodt, Otto	Jan. 3, 1893.
130	Milster, Arthur N	Mar. 31, “
146	Marshall, Milton C	July 30, 1894.
158	Manhard, Ormond H	Nov. 1, 1894.
7	McNamara, Jos. T	May 3, 1883.
27	McNamara, Chas. F	“ 18, “
28	McNamara, Jno. C	“ 18, “
66	McKellops, H. J. B	Mar. 11, 1884.
92	McKellop, Hsenry L	Oct. 13, 1886.
42	Newby, J B	June 14, 1883.
64	Newington, Henry	Aug. 8, “
175	Neville, W. H	Mar. 4, 1895.
161	Olive, Alexander S	Nov. 12, 1894.
24	Prosser, A J	May 17, 1883.
36	Park, Edgar	June 6, “
48	Pomies, Leland F	“ 25, “
78	Pence, N. W	Mar. 29, 1884.
112	Pepperling, Theo. L	Aug. 28, 1890.
121	Pruett, Walter L	July 15, 1892.
126	Pfaff, Jos. G	Nov. 14, “
127	Parks, Wm. F	“ 14, “
133	Purdy, Arthur G	Oct. 16, 1893.
135	Parsons, Frank R	Feb. 13, 1894.
9	Robitoy, Geo	May 7, 1883.

LIST OF DENTISTS — *Continued.*

No. of Cert.		Date of Registration.
20	Rickard, D. H.	May 16, 1883.
32	Ronreich, Jno. Ph.	“ 24, “
80	Robitoy, Eugene G.	Mar. 31, 1884.
93	Radomsky, J.	June 8, 1887.
123	Ruddy, W. A.	Aug. 17, 1892.
186	Ruge, Julius Peter, M. D.	Nov. 8, 1895.
138	Robb, Malcolm	Mar. 24, 1894.
169	Rosen, Frans. T.	Feb. 15, 1895.
192	Schulz, William Frederick August.	Apr. 1, 1896.
1	Spalding, C. W.	Apl. 21, 1883.
3	Spalding, J. H.	Apl. 21, 1883.
8	Sanders, R. T.	May 7, „
22	Scott, Wm. H.	“ 17, “
23	Stevens, De Mott	“ 17, “
49	Standinger, Berthold	“ 26, “
76	Shelp, Willard	Mar. 29, 1884.
81	Shelp, E.	Apl. 1, “
85	Scott, J. S.	May 4, 1885.
90	Summa, Carl	Mar. 8, 1886.
105	Sprague, Andrew L.	Apl. 16, 1889.
107	Summa, Richard	Mar. 20, 1890.
111	Shober, August.	Apl. 9, 1890.
115	Schumacher, Carl E.	Sept. 28, 1891.
120	Saxenmeyer, Herman	July 2, 1892.
11	Taylor, F. J.	May 9, 1883.
60	Tolhurst, Geo. W.	July 5, “
139	Tiffin, Jno.	Mar. 27, 1894.
177	Trager, Victor	“ 19, 1895.
6	Ullman, Edwin S.	May 3, 1883.
33	Utt, Geo. G.	“ 28, “
31	Wear, Robt. A.	“ 23, “
50	Wickersham, W. R.	Jun. 27, “
52	Wickersham, W. H.	“ 28, “
54	Wick, Jas. W.	“ 30, “
63	Whipple, Jas. W.	July 30, “
132	Weller. Wm. E.	May 2, 1893.
141	Wild, Frank	May 1, 1894.
153	Windhorst, M. R.	Oct. 25, “
156	Whipple, Will L.	“ 30, “
163	Wright, Wm. H.	Nov. 22, “
171	Wickersham, E. P.	Mar. 2, 1895.
179	Wiener, Isaac.	Apl. 8, “
184	Woester, Selim Edwards.	Oct. 7, 1895.
188	Young, Richard Banks.	Feb. 4, 1896.
122	Young, L. Albin.	July 29, 1892.

LIST OF DENTISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH THE ACT OF THE LEGISLATURE, APPROVED FEB. 20th, 1883, SINCE MY LAST REPORT.

No. of Cert.		Date of Registration.
218	Allen, Thomas N.	Feb. 3, 1897.
209	Angle, E. H.	Dec. 28, 1896.
226	Atkinson, Cliff R.	Feb. 5, 1897.
203	Austin, James Franklin	Aug. 13, 1896.
208	Barth, J. M.	Dec. 26, 1896.
206	Bellis, Edward R.	Oct. 24, 1896.
196	Bragg, Edgar Herbert	May 2, “
225	Byfield, James H.	Feb. 5, 1897.
219	Carpenter, Charles V.	“ 4, “
204	Curtis, Thomas Alston.	Aug. 20, 1896.
220	Davisson, Will D.	Feb. 5, 1897.
234	Dunham, Charles Scott	Mar. 13, “
238	Fries, John Adam	Apr. 7, “
211	Fuller, Alfred Darst.	Jan. 4, “
197	Griffin, Emery B.	May 9, 1896.
223	Grissom, Milton A.	Feb. 5, 1897.
236	Harper, James Patterson	Mar. 27, “
232	Herbst, Robert.	“ 1, “

LIST OF DENTISTS SINCE MY LAST REPORT—*Continued.*

No. of Cert.		Date of Registration.
222	Kennedy, T. G	Feb. 5, 1897.
227	Kiess, Louis	" 5, "
237	Lark, William James	Mar. 29, "
239	Lewis, Amos F.	Apr. 12, "
212	Lukens, Clarence D	Jan. 6, 1897.
207	Marie, John A	Nov. 21, 1896.
200	Merrick, W. C.	May 23, 1896.
229	Moore, M. R	Feb. 6, 1897.
230	Moser, A. T. E. A.	" 10, "
224	Nelson, John R	" 5, "
205	Nelson, Niel P.	Sept. 25, 1896.
216	Owen, George Hartt	Jan. 28, 1897.
199	Page, J. C.	May 21, 1896.
240	Parsons, G. H	Apr. 12, 1897.
231	Pound, Frederick Franklin	Feb. 20, "
202	Prinz, Herman.	Aug. 12, 1896.
195	Rice, Mortimer J	Apr. 17, 1896.
235	Roy, J. Dalmas.	Mar. 13, 1897.
221	Ruff, Charles B	Feb. 5, "
228	Shelp, V. L.	" 5, "
213	Sullivan, Patrick J.	Jan. 13, "
214	Tarr, Charles J	Jan. 13, "
233	Terry, Geo. L.	Mar. 9, "
201	Tristoe, T. P	Aug. 8, 1896.
198	Tuttle, William Morris	May 14, "
217	Voyles, Stephen Huff	Jan. 28, 1897.
210	Waldschmidt, August Joseph	" 4, "
215	Woodward, Wilber S.	" 23, "

LIST OF PHARMACISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH AN ACT OF THE GENERAL ASSEMBLY, APPROVED MARCH 31st, 1893.

Date of Record.		No. of Cert.	Date of Certificate.
July 1, 1893	Achenbach, H. C	9,003	Oct. 29, 1890.
May 4, 1894	Ackenhausen, Wm. A	11,324	May 1, 1894.
July 17, 1893	Ahlbrandt, H. E	649	Aug. 18, 1881.
July 1, 1893	Aldenhoven, Carl Herbert	5,046	April 18, 1887.
July 3, 1893	Allen, Charles H.	100	May 8, 1889.
July 6, 1893	Allen, John H	10,100	July 16, 1892.
July 28, 1893	Alexander, M. W	1	Aug. 1, 1881.
Oct. 26, 1893	Althoff, A. J	11,061	Oct. 10, 1893.
July 3, 1893	Ameling, Frank H	9,875	April 1, 1892.
July 25, 1893	Andreas, Gustavus	103	July 20, 1881.
July 15, 1893	Angermueller, W. F	9,702	Oct. 6, 1891.
Sept. 26, 1893	Arner, Emil.	7,072	Oct. 1, 1888.
July 6, 1893	Aszmann, Aug. F	10,842	July 3, 1893.
July 31, 1893	Augustine, Otto F	411	Aug. 2, 1881.
July 27, 1893	Bade, William	233	July 25, 1881.
July 1, 1893	Baesler, J. B.	484	Aug. 4, 1881.
July 31, 1893	Balz, E. C	9,785	Jan. 5, 1892.
Dec. 8, 1893	Barber, Joel H.	11,503	Dec. 6, 1894.
July 29, 1893	Barber, S. E	9,784	Jan. 5, 1892.
Aug. 5, 1893	Bartcher, Hugo W	9,780	Dec. 30, 1891.
Mar. 8, 1895	Barksdale, R. C.	9,702	Oct. 6, 1891.
July 1, 1893	Bauer, E. G.	8,990	Oct. 23, 1890.
July 1, 1893	Bartmer, Adolph H	7,079	April 19, 1889.
July 3, 1893	Bang, Charles	559	Aug. 10, 1881.
July 11, 1893	Barnes, Algernon S., Jr	10,202	Oct. 17, 1892.
July 24, 1893	Barkhoefer, Henry W	965	Jan. 4, 1882.
July 3, 1893	Baron, William.	9,915	April 4, 1892.
July 1, 1893	Bear, John H.	9,607	July 7, 1891.
Feb. 15, 1894	Bausch, Oscar F. C	3,738	Mar. 19, 1884.
May 7, 1894	Baumeister, Charles	10,276	Jan. 11, 1893.
July 1, 1893	Bohannan, William F	576	Aug. 11, 1881.
July 1, 1893	Bendel, Charles A.	73	July 18, 1881.
July 1, 1893	Bolm, William C	655	Aug. 18, 1881.
July 3, 1893	Billerth, George	510	Aug. 5, 1881.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
July 3, 1893	Bredemeyer, Charles	222	July 25, 1881.
July 6, 1893	Braun, Adolph	23	July 15, 1881.
July 6, 1893	Behrens, Louis	7,034	Jan. 2, 1888.
July 6, 1893	Berg, George G	3,741	Mar. 31, 1884.
July 7, 1893	Braun, Henry	268	July 27, 1881.
July 8, 1893	Bode, Theo. C	10,604	April 21, 1893.
July 11, 1893	Burkart, E. H	9,787	Jan. 5, 1892.
July 11, 1893	Bente, Wm. F	9,786	Jan. 5, 1892.
July 12, 1893	Boehm, Solomon	629	Aug. 16, 1881.
July 12, 1893	Bohannan, Charles A	129	July 20, 1881.
July 13, 1893	Bogy, John Louis	8,699	April 25, 1890.
July 13, 1893	Bockstruck, W. F	10,872	July 12, 1893.
July 13, 1893	Bradley, Arthur H.	9,936	April 9, 1892.
July 13, 1893	Brammeier, William H	10,630	April 27, 1893.
July 13, 1893	Brandon, Gus	289	July 28, 1881.
July 14, 1893	Bodemann, John W	10,521	April 6, 1893.
July 18, 1893	Blum, G. L	9,096	Dec. 11, 1890.
July 19, 1893	Bentz, Albert P	654	Aug. 18, 1881.
July 20, 1893	Borchers, Charles E	153	July 21, 1881.
July 24, 1893	Brinkman, Edward	8,083	April 1, 1889.
July 25, 1893	Bourscheidt, Julius	90	July 19, 1881.
July 25, 1893	Brueggemann, A. E	8,355	Jan. 6, 1890.
July 26, 1893	Buenger, Hermann Wm	417	Aug. 3, 1881.
July 27, 1893	Byrne, Dennis A	614	Aug. 15, 1881.
July 27, 1893	Bachmann, Emil	267	July 27, 1881.
July 27, 1893	Bribach, B	10,966	July 27, 1893.
July 27, 1893	Borton, James M	10,969	July 27, 1893.
July 28, 1893	Boone, U. S	7,104	Aug. 17, 1888.
July 28, 1893	Behrens, Emil C	9,883	April 4, 1892.
July 28, 1893	Bryant, W. A	9,789	Jan. 5, 1892.
July 28, 1893	Blank, Alois	238	July 26, 1881.
July 28, 1893	Bernays, C. L	792	Aug. 26, 1881.
July 28, 1893	Branch, William, Jr	7,061	Jan. 7. 1839.
July 29, 1893	Bernius, E. A	8,359	Jan. 6, 1890.
July 29, 1893	Blank, Charles F	10,976	July 28, 1893.
Aug. 2, 1893	Brenner, Henry C	9,610	July 8, 1891.
Aug. 3, 1893	Bergmann, Emil	10,089	July 6, 1892.
Aug. 14, 1893	Brockmann, John H	93	July 18, 1881.
Oct. 14, 1893	Billerth, William	11,062	Oct. 10, 1883.
Dec. 7, 1893	Breaker, James J	9,980	April 26, 1882.
Dec. 22, 1893	Bracy, S. V	11,063	Oct 10, 1893.
Jan. 9. 1894	Britch, Frank M	11,159	Jan. 8, 1894.
Jan. 24, 1894	Biermann, H. F. C	11,191	Jan. 17, 1894.
Feb. 15, 1894	Bausch, Oscar F. C	3,738	Mar. 19, 1894.
April 3, 1894	Buhman, Rudolph	11,242	April 3, 1894.
April 17, 1894	Broude, Sergius	11,257	April 11, 1894.
April 21, 1894	Boulware, Emmett N	11,303	April 20, 1894.
April 24, 1894	Bernsch, Adolph C	11,296	April 19, 1894.
Aug. 30, 1894	Bowman, S. L	9,494	May 5, 1891.
Oct. 24, 1894	Bonewitz, John	11,436	Oct. 8, 1894.
Nov. 9, 1894	Boehm, Joseph Leopold	11,439	Oct. 8, 1894.
Dec. 17, 1894	Biech, Gustavus	11,514	Dec. 15, 1884.
Jan. 28, 1895	Buse, Benjamin E	11,568	Jan. 28, 1895.
Mar. 19, 1895	Beeli, Leo J	11,624	Mar. 19, 1895.
April 19, 1895	Brockmann, Charles G	11,775	April 17, 1895.
Feb. 24, 1896	Blackwell, Wm. E	11,797	April 20, 1895.
July 1, 1893	Caffall, Charles	3,450	Oct. 5, 1885.
July 1, 1893	Craemer, Wm. F. G	8,981	Oct. 21, 1890.
July 5, 1893	Clausen, Henry	912	Oct. 3, 1881.
July 5, 1893	Cummins, William	3,689	June 27, 1883.
July 7, 1893	Claus, Otto	531	Aug. 8, 1881.
July 11, 1893	Coelin, Charles V	199	July 23, 1881.
July 13, 1893	Carey, Francis P	9,616	July 12, 1891.
July 13, 1893	Carey, Joseph T	10,205	Oct. 19, 1892.
July 15, 1893	Clark, William R	7,105	Aug. 28, 1888.
July 17, 1893	Craighead, Gordon G	10,279	Jan. 11, 1893.
July 19, 1893	Connor, James F	611	Aug. 15, 1881.
July 20, 1893	Cummings, John F	10,835	July 3, 1893.
July 24, 1893	Crutcher, P. F	9,790	Jan. 5, 1892.
July 24, 1893	Crusius, Theodore	8,979	Oct. 20, 1890.
July 26, 1893	Crusius, Alex	7,079	Jan. 7, 1889.
July 29, 1893	Cushman, George H	8,681	April 7, 1890.
July 29, 1893	Cherry, William W	9,576	June 25, 1891.
July 31, 1893	Cassilly, John L	917	Sept. 30, 1881.
July 31, 1893	Chapline, Jesse G	8,234	Oct. 1, 1889.
Aug. 12, 1893	Carson, Wm. B	4,085	July 19, 1896.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
Oct. 11, 1893	Chirstman, Fred	11,065	Oct. 10, 1893
Dec. 21, 1893	Carsow, R. B	10,277	Jan. 11, 1893.
Jan. 13, 1894	Clark, W. A	11,160	Jan. 8, 1894.
Nov. 26, 1894	Church, Harry L	11,453	Nov. 20, 1894.
Aug. 28, 1895	Converse, Elam H	11,455	Nov. 20, 1894.
April 23, 1895	Cook, Earl	11,542	Jan. 16, 1895.
June 4, 1895	Carroll, Thos. F. X	11,941	June 4, 1895.
May 4, 1895	Deatherage, Wm. H	11,824	April 26, 1895.
Nov. 13, 1895	Drace R. Edward	11,754	April 15, 1895.
July 1, 1893	Doering, Henry	106	July 20, 1881.
July 1, 1883	Douglass, J. R.	3,809	April 5, 1886.
July 1, 1893	Doering, Chas. A	9,297	Mar. 19, 1891.
July 3, 1893	Davis, Elmer F	7,041	Jan. 2, 1888.
July 12, 1893	D'Amour, Otto	653	Aug. 18, 1881.
July 17, 1893	Dillon, John S	10,051	June 9, 1891.
July 24, 1893	Dunlap, Elbert	9,387	April 10, 1891.
July 24, 1893	Danenhaus, H. F	137	July 21, 1881.
July 29, 1893	Dunne, Joseph M	10,628	April 26, 1893.
July 31, 1893	Diesing, Victor	10,281	Jan. 11, 1893.
Aug. 2, 1893	Deuber, George R	9,861	Mar. 28, 1892.
Aug. 31, 1893	Davis, Emmet M	5,063	April 4, 1887.
July 12, 1893	Eckhart, George W	10,830	July 1, 1893.
July 18, 1893	English, W. M	10,090	July 6, 1892.
July 21, 1893	Eyermann, E. H	10,285	Jan. 11, 1893.
July 25, 1893	Engel, Alphonsus J	8,361	Jan. 6, 1890.
July 26, 1893	Eckert, Charles V	7,038	July 2, 1888.
July 26, 1893	Eswin, Hugo	9,727	Oct. 13, 1891.
July 26, 1893	Enderle, Adolph G	7,121	Jan. 8, 1889.
July 27, 1893	Elliott, W. E	10,525	April 6, 1893.
July 28, 1893	Ernst, Edward J	8,199	Oct. 7, 1889.
Aug. 22, 1893	Englert, Victor I	10,332	Feb. 7, 1893.
Sept. 27, 1893	Etavard, R. T	8,766	June 5, 1890.
May 4, 1895	Eberlein, Edwin W	11,740	April 15, 1895.
Jan. 27, 1896	Eckhart, Richard J	12,101	Jan. 13, 1896.
Jan. 18, 1896	Ettmueller, Otto	12,100	Jan. 13, 1896.
May 20, 1895	Ferguson, J. G. B	4,167	Mar. 2, 1881.
June 3, 1895	Ford, John F	11,990	June 15, 1895.
July 1, 1893	Friedewald, Hermann W	9,729	Oct. 14, 1891.
July 1, 1893	Fritz, John A	5,018	Jan. 25, 1887.
July 3, 1893	Finke, Augustus	9,594	July 7, 1891.
July 6, 1893	Fuller, Henry	75	July 18, 1881.
July 7, 1893	Foelling, Emil	10,182	Oct. 4, 1892.
July 10, 1893	Fisher, Henry	232	July 25, 1881.
July 10, 1893	Fleming, William S	10,840	July 3, 1893.
July 10, 1893	Funke, A. F	10,183	Oct. 4, 1892.
July 18, 1893	Feager, Theo	367	Aug. 1, 1881.
July 18, 1893	Funsch, Oliver	3,791	April 5, 1886.
July 21, 1893	Fischer, Otto F	10,586	April 18, 1893.
July 21, 1893	Fischer, Albert Martin	5,051	May 23, 1887.
July 24, 1893	Fischer, Louis A	10,948	July 24, 1893.
July 24, 1893	Friedeberg, A. H	7,117	Nov. 5, 1888.
July 24, 1893	Fahlen, Julius	5,014	Jan. 6, 1887.
July 25, 1893	Friesz, Jacob	3,773	July 30, 1885.
July 25, 1893	Funsch, A. J	9,770	Dec. 15, 1891.
July 26, 1893	Fiquet, Paul E	193	July 22, 1881.
July 27, 1893	Fischer, Julius V	9,055	Nov. 20, 1890.
July 31, 1893	Farrell, John	10,988	July 31, 1893.
July 31, 1893	Fricke, Fred C	9,999	May 10, 1892.
July 31, 1893	Francis, John	529	Aug. 6, 1881.
July 31, 1893	Fernow, John A	10,997	July 31, 1893.
Aug. 8, 1893	Fischer, Hermann	647	Aug, 18, 1881.
Dec. 11, 1893	Fox, Francis W	11,111	Nov. 4, 1893.
Feb. 3, 1894	Frielingsdorf, Ewald H	11,203	Feb. 3, 1894.
April 25, 1894	Fischer, Rudolph F	11,318	April 24, 1894.
April 25, 1894	Finks, Adolph M	11,307	April 20, 1894.
June 11, 1894	Fienup, Theo. F	11,306	April 20, 1894.
June 12, 1894	Flanders, Alton A	11,369	July 9, 1894.
Aug. 6, 1894	Flippen, James H	11,162	Jan. 8, 1894.
July 1, 1893	Goehring, John G	626	Aug. 16, 1881.
July 1, 1893	Gaertner, Robert H	7,026	July 2, 1881.
July 1, 1893	Garthoffner, Frank C	8,342	Jan. 6, 1890.
July 1, 1893	Glenn, Thomas S.	116	July 20, 1881.
July 3, 1893	Graichen, F. A	322	July 29, 1881.
July 3, 1893	Griesback, Henry F	433	Aug. 3, 1881.
July 6, 1893	Giersen, J. L. G	627	Aug. 16, 1881.
July 11, 1893	Gulath, Charles.	363	Aug. 1, 1881.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
July 13, 1893	Gibson, James	478	Aug. 4, 1881.
July 13, 1893	Grant, W. R	10,868	July 12, 1893.
July 14, 1893	Guhman, Nicholas	53	July 16, 1881.
July 14, 1893	Goehring, G. H. M	10,905	July 14, 1893.
July 19, 1893	Grandjean, Eugene	430	Aug. 3, 1881.
July 19, 1893	Grandjean, Charles L	432	Aug. 3. 1881.
July 22, 1893	Goode, J. M	22	July 15, 1881.
July 24, 1893	Guerdan, John	10,812	June 28, 1893.
July 25, 1893	Gest, Albion P	10,678	May 16, 1893.
July 26, 1893	Godron, Emil W	10,961	July 26, 1893.
July 28, 1893	Gatewood, R. A. J. L	9,070	Nov. 25, 1890.
July 29, 1893	Graf, J. P	9,708	Oct. 6, 1891.
July 31, 1893	Grindon, Arthur T	52	July 16, 1881.
July 31, 1893	Gardner, B. A	10,882	July 12, 1893.
July 31, 1893	Gissy, Gustavus A	10,986	July 31, 1893.
Aug. 1, 1893	Geiler, Joseph X		April 17, 1893.
Aug. 1, 1893	Geitner, Charles	732	Aug. 23, 1881.
Sept. 5, 1893	Geiger, Charles F	8,364	Jan. 6, 1890.
Sept. 6, 1893	Guhman, Matthew G	9,410	April 10, 1891.
Sept. 6, 1893	Guhman, John O	8,516	Mar. 20, 1890.
April 30, 1894	Grebe, Emil	8,559	Oct. 7, 1890.
Oct. 29, 1894	Gray, John M	11,068	Oct. 10, 1893.
Nov. 1, 1894	Greve, Louis F	8,348	Jan. 6, 1890.
Jan. 17, 1896	Green, McQuillan Dr	11,918	May 23, 1895.
Jan. 18, 1896	Germann, William F	12,106	Jan. 13, 1896.
Jan. 21, 1896	Gross, Christ F. H	12,105	Jan. 13, 1896.
Jan. 27, 1896	Gerber, Rud. M	12,104	Jan. 13, 1896.
June 3, 1895	Hall, Thos. H	11,966	June 14, 1895.
July 5, 1895	Haverstick, G. W	11,649	May 29, 1895.
Aug. 20, 1895	Hautz, Joseph L	11,148	Dec. 20, 1893.
Mch. 28, 1896	Hicks, J. B	12,141	Mar. 24, 1896.
July 1, 1893	Hoch, Harry F	9,150	Jan. 6, 1891.
July 1, 1893	Hoenny, A. J	3,755	Sept. 19, 1884.
July 3, 1893	Hoyer, Hugo	217	July 25, 1881.
July 3, 1893	Hoyer, Oswald	218	July 25, 1881.
July 5, 1893	Herkert, F. C	8,042	April 1, 1889.
July 5, 1893	Heinig, F. W	332	July 30, 1881.
July 5, 1893	Hartnagel, Gus A	3,710	Oct. 24, 1883.
July 5, 1893	Hemm, Francis	10,841	July 3, 1893.
July 7, 1893	Haeberle, Christ	8,976	Oct. 20, 1890.
July 10, 1893	Huber, Julius B	889	Sept. 15, 1881.
July 10, 1893	Hirsch, Charles W	196	July 23, 1881.
July 14, 1893	Hansmann, Theo. E	9,681	Sept. 15, 1891.
July 14, 1893	Harris, E. N.	509	Aug. 5, 1881.
July 18, 1893	Hassebrock, John F	8,973	Oct. 18, 1890.
July 19, 1893	Hermann, G. A	9,109	Dec. 18, 1890.
July 19, 1893	Heise, Henry	9,026	Nov. 11, 1890.
July 20, 1893	Hoffmann, Theo	9,677	Sept. 1, 1891.
July 21, 1893	Hagee, W. P	2,086	July 25, 1881.
July 24, 1893	Hennrich, William P	10,561	April 11, 1893.
July 24, 1893	Hecker, Frank H	10,926	July 20, 1893.
July 24, 1893	Haeusgen, George F	8,980	Oct. 22, 1890.
July 25, 1893	Herman, Bernard J	10,037	June 2, 1892.
July 25, 1893	Horstmann, Albert D	10,720	June 2, 1893.
July 26, 1893	Hagenow, Theo F	9,133	Jan. 2, 1891.
July 28, 1893	Hicks, W. P	10,975	July 28, 1893.
July 28, 1893	Haagen, Louis C	9,023	Nov. 8, 1890.
July 29, 1893	Habel, E. C	9,079	Nov. 29, 1890.
July 29, 1893	Hilby, Joseph E	10,965	July 27, 1893.
July 29, 1893	Hughson, James A	10,119	Aug. 10, 1892.
July 29, 1893	Heitmeyer, Oscar H	10,985	July 29, 1893.
July 29, 1893	Harder, Ulrich	9,657	Aug. 12, 1891.
July 31, 1893	Holschen, Joseph J	8,350	Jan. 6, 1890.
July 31, 1893	Horwitz, Max R	10,570	April 14, 1893.
July 31, 1893	Heyer, Ottmar W	10,994	July 31, 1893.
July 31, 1893	Heinrich, Max P	9,792	Jan. 5, 1892.
July 31, 1893	Hassebrock, H. F.	578	Aug. 11, 1881.
Aug. 7, 1893	Heckelmann, John A	3,812	July 12, 1886.
Aug. 16, 1893	Hoelke, Henry	8,985	Oct. 21, 1890.
Aug. 17, 1893	Haugaard, Peter	10,065	June 20, 1892.
Sept. 18, 1893	Houck, F. A	10,532	April 6, 1893.
Sept. 27, 1893	Helwig, Henry J	9,022	Nov. 7, 1890.
Sept. 29, 1893	Halpin, Thomas	11,054	Sept. 28, 1893.
Oct. 11, 1893	Harris, Wm. Ross	11,069	Oct. 10, 1893.
Oct. 14, 1893	Hemm, J	3	July 13, 1881.
Jan. 23, 1894	Hahn, Charles	11,164	Jan. 8, 1894.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
Feb. 28, 1894	Hoogen, Franz, F. A	8,999	Oct. 27, 1890.
May 24, 1894	Henderson, Robert Guy	11,345	May 24, 1894.
July 5, 1893	Ittner, William F.	9,154	Jan. 6, 1891.
July 24, 1893	Ilg, Theo	8,354	Jan. 6, 1890.
July 31, 1893	Impey, W. F	1,036	July 19, 1881.
Sept. 27, 1893	Ilch, Otto B	8,356	Jan. 6, 1890.
Feb. 6, 1894	Illhardt, Wm. K	9,017	Nov. 6, 1890.
July 1, 1893	Jungling, F. S.	650	Aug. 18, 1881.
July 1, 1893	Judge, Charles R	3,761	Jan. 10, 1885.
July 5, 1893	Jacobs, George C	8,946	Oct. 7, 1890.
July 5, 1893	Jost, Balthaser	675	Aug. 19, 1881.
July 17, 1893	Johnson, Carson P.	456	Aug. 4, 1881.
May 29, 1895	Jeude, Julius John	11,783	April 18, 1895.
June 3, 1895	Jones, Wm. Canfield	11,753	April 15, 1895.
Apr. 27, 1895	Klippel, Hy. A. B	11,758	April 15, 1895.
Dec. 30, 1895	Kincaid, George E	11,548	Jan. 16, 1895.
Jan. 21, 1896	Kelley, E. H	12,073	Oct. 16, 1895.
Feb. 8, 1896	Kopp, Otto H	11,772	April 17, 1895.
Mch. 27, 1896	Kaufmann, A. F	12,143	Mar. 24, 1896.
July 1, 1893	Koch, Julius E	704	Aug. 20, 1881.
July 1, 1893	Klie, G. H. Chas	10,794	June 24, 1893.
July 3, 1893	Knecht, Carl	5,130	June 4, 1887.
July 3, 1893	Kuenster, Emile	9,111	Dec. 20, 1890.
July 5, 1893	Klie, Edmund	10,631	April 27, 1893.
July 5, 1893	Kahre, William F.	9,895	April 5, 1892.
July 5, 1893	Koenig, Hermann O	7,050	Jan. 2, 1888.
July 6, 1893	Kunkel, David C	7,067	June 7, 1889.
July 10, 1893	Kattelmann, Henry A	8,347	Jan. 6, 1890.
July 10, 1893	Kring, Eugene C	3,730	Jan. 8, 1884.
July 10, 1893	Kring, Gustave	9,036	Nov. 14, 1890.
July 11, 1893	Kruse, Henry J	10,287	Jan. 11, 1893.
July 12, 1893	Kring, Richard	3,456	Oct. 5, 1885.
July 13, 1893	Koetter, Wm. H	7,112	Sept. 27, 1888.
July 18, 1893	Klipstein, Theodore	408	Aug. 2, 1881.
July 19, 1893	Kempff, William	362	Aug. 1, 1881.
July 19, 1893	Koch, Gustavus	652	Aug. 18, 1881.
July 20, 1893	Klinge, George	10,601	April 21, 1893.
July 24, 1893	Kohler, Hugo W	195	July 23, 1881.
July 24, 1893	Krueger, William	3,711	Dec. 15, 1883.
July 24, 1893	Kleinschmidt, A. A	10,936	July 21, 1893.
July 24, 1893	Koberlin, Erwin J	130	July 20, 1881.
July 25, 1893	Keim, Henry	10,827	June 30, 1893.
July 25, 1893	Koeneke, Charles H	9,048	Nov. 19, 1890.
July 25, 1893	Kaltwasser, A. P	221	July 25, 1881.
July 26, 1893	Kauffman, Louis	8,362	Jan. 6, 1890.
July 26, 1893	Kaut, Philip	771	Aug. 25, 1881.
July 27, 1893	Klocke, Frank W	8,049	April 1, 1889.
July 27, 1893	Kettenbach, Robt. P	3,778	Nov. 23, 1885.
July 27, 1893	Kohrumel, W. J. A	10,945	July 26, 1893.
July 28, 1893	Kneedler, H. D	9,929	April 7, 1892.
July 29, 1893	Kroanenberg, Dirk	281	July 28, 1881.
July 29, 1893	Kunz, Herman A	9,586	July 2, 1891.
July 29, 1893	Kuhlmey, W	145	July 21, 1881.
July 29, 1893	Klute, Albert H.	393	Nov. 26, 1881.
July 31, 1893	Kohrumel, Edward C	10,996	July 31, 1893.
July 31, 1893	Klug, Julius	10,995	July 31, 1893.
Aug. 1, 1893	Knapp, Louis	10,998	July 31, 1893.
Aug. 3, 1893	Koscielski, Ernst	9,148	Jan. 6, 1891.
Aug. 3, 1893	Kalbfleish, Henry C	11,000	Aug. 1, 1893.
Oct. 11, 1893	Koch, Albert H.	11,073	Oct. 10, 1893.
Oct. 11, 1893	Kroeker, Henry W	9,665	Aug. 24, 1891.
Oct. 16, 1893	Koch, Charles	11,071	Oct. 10, 1893.
Nov. 15, 1893	Koch, Fred W	11,072	Oct. 10, 1893.
April 30, 1894	Kohl, Charles W	11,317	April 24, 1894,
Sept. 7, 1894	Kernan, T. J	718	Aug. 22, 1881.
Dec. 28, 1894	Klostermann, Henry E.	11,166	Jan. 8, 1894.
Mar. 18, 1895	Knoch, Max	11,547	Jan. 16, 1895.
July 1, 1893	Litchfield, Daniel S	3,102	Mar. 6, 1882.
July 1, 1893	Lehmann, Emil H	10,289	Jan. 11, 1893.
July 1, 1893	Lohmann, Julius F	331	July 30, 1881.
July 3, 1893	Lang, Frederick	6,028	July 11, 1887.
July 8, 1893	Luyties, Henry R.	4,081	June 19, 1886.
July 10, 1893	Ludwig, Andreas S	10,268	Jan. 3, 1893.
July 10, 1893	Land, Robert A	6,064	Oct. 3, 1887.
July 11, 1893	Luter, Theo. A	10,773	June 19, 1893.
July 14, 1893	Lauburg, Otto W	10,663	May 9, 1893.
July 20, 1893	Lyda, G. C	8,562	Mar. 20, 1890.
July 20, 1893	Ludwig, B. J	6,019	Sept. 27, 1887.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
July 21, 1893	Layton, Thomas	17	July 14, 1881.
July 21, 1893	Layton, Thomas A	9,031	Nov. 12, 1890.
July 21, 1893	Layton, F. Emmet	9,045	Nov. 18, 1890.
July 24, 1893	Love, C. H	177	July 27, 1881.
July 25, 1893	Livingston, Samuel	7,033	Jan. 2, 1888.
July 26, 1893	Lehman, Fred R	10,927	July 20, 1893.
July 27, 1893	Lips, Charles A	679	Aug. 20, 1881.
July 31, 1893	Luecking, Geo. A	10,993	July 31, 1893.
July 31, 1893	Liebmann, A. B	10,322	Jan. 26, 1893.
Aug. 7, 1893	Lehmann, Louis John	9,394	April 10, 1891.
Aug. 7, 1893	Lehmann, Charles	9,529	May 26, 1891.
Nov. 28, 1893	Loelkers, Alex G	11,120	Nov. 17, 1893.
April 24, 1894	Luyties, Frederick	11,308	April 20, 1894.
Oct. 29, 1894	Leisch, Hubert	8,791	June 20, 1890.
Mar. 13, 1895	Larimore, O. C	9,832	Feb. 19, 1892.
Oct. 25, 1895	Lindemann, William F	9,881	April 2, 1892.
July 11, 1895	Lutz, Edw. F	11,550	Jan. 16, 1895.
Mar. 27, 1895	Leffler, Ernst A	12,145	Mar. 24, 1896.
Nov. 13, 1895	Merker, Chas. F	11,723	April 12, 1895.
Dec. 31, 1895	Mueller, Rudolph	12,076	Oct. 15, 1895.
Mar. 28, 1896	Miller, Theo. L	12,148	Mar. 24, 1896.
Mar. 30, 1896	Mager, J. A	12,146	Mar. 24, 1896.
April 20, 1895	McCall, Green D	11,800	April 20, 1895.
April 22, 1895	McIlwain, Chas. Ed	11,681	April 10, 1895.
April 30, 1895	McAfee, Clifton A	11,825	April 25, 1895.
July 1, 1893	Mynders, Arnold H	9.016	Nov. 6, 1890.
July 1, 1893	Menkhaus, J. Bernard	8,194	Oct. 7, 1889.
July 1, 1893	Meyers, P	3,104	Mar. 6, 1882.
July 3, 1893	Mueller, Charles	7,093	Mar. 21, 1889.
July 3, 1893	Meyers, William	10,292	Jan. 11, 1893.
July 5, 1893	Motz, Fred J	10,802	June 27, 1893.
July 5, 1893	Moxter, Ernst D	290	July 28, 1881.
July 5, 1893	Merz, Louis	7,095	April 5, 1889.
July 5, 1893	Muller, Ambrose	8,590	April 7, 1890.
July 10, 1893	Muelhelm, Charles	9,712	Oct. 6, 1891.
July 13, 1893	May, Charles C	9,015	Nov. 6, 1890.
July 14, 1893	Marten, E. R	226	July 25, 1881.
July 14, 1893	Meyer, Fred C	7,077	Jan. 7, 1889.
July 17, 1893	Morgner, K	903	Sept. 27, 1881.
July 21, 1893	Macdonald, C. E. S	105	July 20, 1881.
July 21, 1893	Mengel. Charles E	9.146	Jan. 6, 1891.
July 21, 1893	Miller, Robert F	10,648	May 4, 1893.
July 24, 1893	Massot, Joseph W	608	Aug. 15, 1881.
July 24, 1893	Medler, Edward A	9,145	Jan. 6, 1891.
July 24, 1993	Motz, William H	9,578	July 2, 1891.
July 25, 1893	Mueller, Vincent	4,045	April 5, 1886.
July 25, 1893	Milne, Charles	10,953	July 25, 1893.
July 25, 1893	Meyer, Fred J	10,938	July 21, 1893.
July 28, 1893	Menestrina, F	3,623	Sept. 4, 1882.
July 28, 1893	Meyers, Joseph E	4,362	Sept. 7, 1884.
July 28, 1893	Methudy, Jos. P	8,996	Oct. 25, 1890.
July 28, 1893	Meredith, C. A	10,577	April 15, 1893.
July 29, 1893	Miller, Wm. Leland	10,108	July 27, 1892.
Aug. 22, 1893	Medlin, P. A	125	July 20, 1881.
Aug. 29, 1893	Manderbach, Cyrus L	10,029	May 27, 1892.
Sept. 11, 1893	Mastbrook, Alex	11,015	Aug. 18, 1893.
Sept. 21, 1893	Macdonald, Allan D	8,045	April 1, 1889.
Sept. 25, 1893	May, Edward J	10,709	June 23, 1893.
Sept. 27, 1893	Meinig, Gustav C	10.740	June 28, 1893.
Nov. 10, 1893	Mueller, George	10,599	April 20, 1893.
Dec. 26, 1893	Martinis, E. L	10,290	Jan. 11, 1893.
Feb. 19, 1894	Marmaduke, F. V	10,184	Oct. 4, 1892.
Dec. 29, 1894	Mobbs, F. J	11,169	Jan. 8, 1894.
July 25, 1893	McMinn, John C	7.078	Jan. 7, 1889.
July 28, 1893	McBride, John C	10,667	May 10, 1893.
Sept. 15, 1893	McAuliffe, F. T	11,038	Sept. 9, 1893.
Oct. 26, 1893	McBride, Redmond W	11,102	Oct. 26, 1893.
May 26, 1894	McFarland, John D	8,037	April 1, 1889.
Sept. 17, 1894	McWilliams, Robt	11,399	Aug. 20, 1894.
Sept. 21, 1894	McCormick, Robt. L	7,061	Oct. 1, 1888.
July 1, 1893	Niemeyer, Charles A	10,186	Oct. 4, 1892.
July 1, 1893	Newland, Edward H	7,119	June 25, 1888.
July 3, 1893	Nort, Van H	8 889	Aug. 21, 1890.
July 6, 1893	Nau, Charles	9,634	July 27, 1891.
July 6, 1993	Nay, Albert	235	July 25, 1881.
July 14, 1893	Neu, Fred Will	8,842	Aug. 1, 1890.
July 21, 1893	Nienstedt, W. H	3,753	July 7, 1884.
July 28, 1893	Nitschmann, L	10,543	April 6, 1893.
July 28, 1893	Nitschmann, E. J	5,048	April 7, 1887.
Aug. 2, 1893	Niemann, Bernhardt	11,001	Aug. 1, 1893.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
Aug. 3, 1893	Nake, Paul M.	919	Oct. 3, 1881.
Feb. 2, 1894	Newburger, Arthur C	11,170	Jan. 8, 1894.
June 30, 1894	Noll, Martin J	11,348	May 28, 1894.
Feb. 19, 1896	Netherton, Sam'l Oliver	11,843	April 29, 1895.
July 5, 1893	Overstreet, Robt. D	1,012	July 18, 1882.
July 7, 1893	Ochsner, C. P	237	July 26, 1881.
July 10, 1893	Oldham, George, Jr	535	Aug. 8, 1881.
July 12, 1893	Ochsner, C. Wm.	10,858	July 11, 1893.
July 19, 1893	Osborne, Gus. H.	10,194	Oct. 12, 1892.
July 31, 1893	Otto, Bernhard J.	6,039	July 5, 1887.
Aug. 15, 1893	Ottofy, Law. M	8,506	Mar. 1, 1890.
Oct. 20, 1893	Oldendorf, William	11,074	Oct. 10, 1893.
Jan. 17, 1895	Owen, William C.	11,552	Jan. 17, 1895.
July 1, 1893	Pfunder, John A.	7,000	Nov. 17, 1887.
July 1, 1893	Parker, J. J.	9,067	Nov. 24, 1890.
July 1, 1893	Pockels, H.	86	July 19, 1881.
July 3, 1893	Pohle, Adolph	187	July 22, 1881.
July 3, 1893	Proctor, J. S	446	Aug. 3, 1881.
July 7, 1893	Pauley, F. C	144	July 21, 1881.
July 11, 1893	Peters, W. L.	10,293	Jan. 11, 1893.
July 12, 1893	Peterson, Albert W	10,294	Jan. 11, 1893.
July 14, 1893	Poole, C. W	3,346	Oct. 7, 1884.
July 17, 1893	Philibert, L. D	34	July 16, 1881.
July 24, 1893	Phillips, Henry F.	8,886	Aug. 20, 1890.
July 24, 1893	Penney, Charles G.	9,138	Jan. 6, 1891.
July 25, 1893	Pirner, E. M	10,923	July 20, 1893.
July 27, 1893	Polsten, George W	9,612	July 8, 1891.
July 27, 1893	Paulus, George C.	9,147	Jan. 6, 1891.
July 27, 1893	Pickett, Sam Lee.	9,042	Nov. 18, 1890.
July 28, 1893	Peabody, Wm. L.	8,073	April 1, 1889.
July 29, 1893	Passler, Reinhold	10,980	July 28, 1893.
Oct. 16, 1893	Pilkington, W. P	11,076	Oct. 10, 1893.
Oct. 16, 1893	Perkins, Benj.	8,808	July 1, 1890.
Jan. 24, 1894	Paul, Arthur W	11,172	Jan. 8, 1894.
April 20, 1894	Pauley, Fred C	11,300	April 20, 1894.
Dec. 11, 1894	Prewitt, Saml. Wash	11,507	Dec. 11, 1894.
Jan. 4, 1895	Poignee, Frank. P	4,065	July 5, 1886.
Jan. 17, 1895	Pauley, Alfred.	11,551	Jan. 16, 1895.
Jan. 19, 1895	Peeler, James W	11,291	April 16, 1894.
April 20, 1895	Perkins, Philip M	11,799	April 29, 1895.
April 16, 1895	Plumpe, Bernard H	11,759	April 15, 1895.
Sept. 19, 1895	Perry, James Edward	11,672	April 6, 1895.
Jan. 31, 1896	Poppitz, Theo. J	12,114	Jan. 13, 1896.
July 1, 1893	Riecker, Ernst	96	July 19, 1881.
July 1, 1893	Rueckersfeldt, V. R. Leo	273	July 27, 1881.
July 1, 1893	Raband, E. F	365	Aug. 1, 1881.
July 1, 1893	Renkert, L. W. O.	3,345	Oct. 7, 1884.
July 1, 1893	Riedel, Theo. J	9,605	July 7, 1891.
July 1, 1893	Roepper, Francis A	7,106	Aug. 30, 1888.
July 3, 1893	Robertson, Elmer J	9,714	Oct. 6, 1891.
July 5, 1893	Reel, William C	9,427	April 13, 1891.
July 5, 1893	Roth, Adam B	429	Aug. 3, 1881.
July 6, 1893	Roepke, Louis	543	Aug. 9, 1881.
July 13, 1893	Raboteau, John.	460	Aug. 4, 1881.
July 18, 1893	Runde, F. W	10,187	Oct. 4, 1892.
July 19, 1893	Roller, H. P.	9,004	Oct. 30, 1890.
July 19, 1893	Rottenhagen, Adolph G	3,658	April 6, 1883.
July 20, 1893	Rohlfing, Henry T	132	July 21, 1881.
July 22, 1893	Reber, George	397	Aug. 2, 1881.
July 24, 1893	Rader, John M.	10,653	May 4, 1893.
Jnly 25, 1893	Reid, James A	10,952	July 25, 1893.
July 25, 1893	Reisse, Edward	9,797	Jan. 5, 1892.
July 25, 1893	Renner, Charles F.	6,016	Oct. 13, 1887.
July 25, 1893	Reber, Louis F	361	Aug. 1, 1881.
July 26, 1893	Riley, Russell.	10,806	June 27, 1893.
July 26, 1893	Ruesch, Chas. F	6,023	Aug. 26, 1887.
July 26, 1893	Richter, Edw. C. L	9,006	Oct. 31, 1890.
July 27, 1893	Rehfeldt, Charles	9,144	Jan. 6, 1891.
July 27, 1893	Royston, J. L.	204	July 23, 1881.
July 27, 1893	Riemann, John	10,140	Aug. 24, 1892.
July 28, 1893	Remme, H. J.	10,970	July 27, 1893.
July 29, 1893	Rohlfing, W. C.	10,824	July 20, 1893.
July 31, 1893	Randall, Sterling P	10,369	Mar. 7, 1893.
July 31, 1893	Reber, V. B. S.	360	Aug. 1, 1881.
July 31, 1893	Rowe, Saml. B	*746	Aug. 15, 1881.
July 31, 1893	Roesch, Hermann	709	Aug. 22, 1881.
Aug. 2, 1893	Rohlfing, C. G	212	July 23, 1881.
Aug. 7, 1893	Ruppaner, H. S.	9,143	Jan. 6, 1891.
Sept. 14, 1893	Reinhart, Geo. J.	11,042	Sept. 14, 1893.
Nov. 13, 1893	Rall, August C	527	Aug. 6, 1881.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
Jan. 9, 1894	Rosenbach, C. W	946	Oct. 31, 1881.
Jan. 11, 1894	Raithel, G. H	11,173	Jan. 8, 1894.
Feb. 10, 1894	Ruge, O. C	8,953	Oct. 7, 1890.
Jan. 31, 1895	Riggsbee, Lee	11,552	Jan. 16, 1895.
Oct. 25, 1895	Ruyle, Henry Jerome	11,893	Mar. 18, 1895.
Jan. 21, 1896	Runge, Theo	12,117	Jan. 13, 1896.
Mar. 7, 1896	Roth, Charles S	11,374	July 9, 1894.
April 22, 1895	Rohm, Henry C	11,788	April 19, 1895.
April 27, 1895	Scheele, M. H., M. D	8,900	Sept. 2, 1890.
May 9, 1895	Schulz, Carl	11,554	Jan. 16, 1895.
June 20, 1895	Simon, J. H. L	12,030	June 19, 1895.
July 2, 1895	Steinmetz, F. R. Beno	11,535	Jan. 9, 1895.
July 12, 1895	Stieber, Richard	11,553	Jan. 16, 1895.
Aug. 6, 1895	Stiehl, A. W	12,050	July 10, 1895.
Aug. 31, 1895	Scherzinger, Joseph H	11,757	April 15, 1895.
Jan. 21, 1896	Stoffer, Arth. C	12,124	Jan. 13, 1896.
Jan. 21, 1896	Schlenker, Laur. H	12,121	Jan. 13, 1896.
Jan. 30, 1896	Schwaunberger, Franz	11,540	Jan. 15, 1895.
Feb. 29, 1896	Spork, Henry D	12,118	Jan. 13, 1896.
Mar. 12, 1896	Skaer, John	11,647	Mar. 29, 1895.
Mar. 27, 1896	Soellner, A. M	12,154	Mar. 24, 1896.
Mar. 28, 1896	Sommers, Geo. H	12,120	Jan. 13, 1896.
April 8, 1896	Stiehl, Geo. W	12,122	Jan. 13, 1896.
April 9, 1896	Simon, F. C	12,138	Mar. 24, 1896.
July 1, 1893	Sennewald, F. C	3,650	April 3, 1883.
July 1, 1893	Sennewald, F. W	513	Aug. 6, 1881.
July 1, 1893	Sennewald, Emile A	68	July 18, 1881.
July 1, 1893	Schrumpf, Arthur	9,014	Nov. 6, 1890.
July 1, 1893	Saenger, Benjamin	3,784	Jan. 7, 1886.
July 1, 1893	Standing, William	9,161	Jan. 9, 1891.
July 1, 1893	Schlueter, Robert E	8,948	Oct. 7, 1890.
July 1, 1893	Shreve, J. F	10,126	Aug. 13, 1892.
July 1, 1893	Smith, C. W	7,099	July 3, 1888.
July 1, 1893	Strite, John R	7,058	Oct. 1, 1888.
July 1, 1893	Scheel, Gus. H	3,775	July 29, 1885.
July 3, 1893	Schoenthaler, John P	3,633	Dec. 12, 1882.
July 5, 1893	Schober, E. F	60	July 18, 1881.
July 5, 1893	Stole, Charles H	770	Aug. 24, 1881.
July 6, 1893	Semsrott, William	8,979	Oct. 20, 1890.
July 6, 1893	Schroeder, C	10,851	July 7, 1893.
July 7, 1893	Sippy, Alvin H	5,039	Mar. 21, 1887.
July 10, 1893	Sauer, Charles G	21	July 15, 1881.
July 11, 1893	Seidlitz, Charles F	669	Aug. 12, 1881.
July 11, 1893	Smith, William Addison	3,756	Sept. 22, 1884.
July 11, 1893	Stark, Harry	9,581	July 2, 1891.
July 13, 1893	Sasse, Edward W	10,750	June 10, 1893.
July 13, 1893	Seidlitz, George C. F	8,007	Sept. 23, 1889.
July 13, 1893	Scholz, Phillip	3,706	Oct. 1, 1883.
July 13, 1893	Schettler, William P	10,739	June 8, 1893.
July 14, 1893	Smith, Orrick E	7,039	Jan. 2, 1888.
July 15, 1893	Shcolnik, Harris	10,887	July 12, 1893.
July 15, 1893	Spilker, H. F. A	931	Oct. 10, 1881.
July 17, 1893	Sum, Francis	89	July 19, 1881.
July 17, 1893	Stussel, Hermann H	9,010	Nov. 3, 1890.
July 17, 1893	Schmalmaack, F. W	10,820	June 29, 1893.
July 19, 1893	Smith, Axel C	9,335	Mar. 26, 1891.
July 20, 1893	Sohn, Frank	577	Aug. 11, 1881.
July 20, 1893	Seitz, Chas. F. W	9,799	Jan. 5, 1892.
July 20, 1893	Schroeter, George H	10,932	July 20, 1893.
July 21, 1893	Schuh, Edward B	3,331	Sept. 23, 1884.
July 21, 1893	Sassmann, R	755	Aug. 25, 1881.
July 22, 1893	Schaefer, Christoph	10,940	July 22, 1893.
July 24, 1893	Schaefer, Henry G	7,063	Jan. 7, 1889.
July 24, 1893	Smith, George W	9,807	Jan. 11, 1892.
July 24, 1893	Scheer, William H	10,603	April 21, 1893.
July 24, 1893	Sieving, Gus W	10,942	July 22, 1893.
July 24, 1893	Sante, Hermann A	10,703	May 27, 1893.
July 24, 1893	Sante, August H	10,043	June 8, 1892.
July 25, 1893	Stegner, Emil	4,096	Oct. 4, 1886.
July 25, 1893	Schwenker, Edward A	9,337	Mar. 26, 1891.
July 26, 1893	Schneider, John	9,047	Nov. 19, 1890.
July 26, 1893	Seitz, Lorenz A	10,629	April 26, 1893.
July 26, 1893	Schreier, Louis	7,059	Jan. 7, 1889.
July 26, 1893	Semsrott, Ernst Louis	10,013	May 19, 1892.
July 27, 1893	Schnietz, Edward	9,715	Oct. 6, 1891.
July 27, 1893	Snuggs, Stephen G	7,036	July 2, 1888.
July 27, 1893	Smith, J. W	8,458	Mar. 1, 1890.
July 27, 1893	Schoettle, J. F. L	10,968	July 27, 1893.
July 28, 1893	Sheahan, M. J	777	Aug. 25, 1881.
July 28, 1893	Specht, Theo. H	2,243	July 29, 1881.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
July 28, 1893	Stoerner, Charles G	8 197	Oct. 7, 1889.
July 31, 1893	Schurk, Louis	628	Aug. 16, 1881.
July 31, 1893	Swift, Fred H	10,979	July 29, 1893.
Aug. 1, 1893	Smith, U. S.	10,296	Jan. 11, 1893.
Aug. 1, 1893	Schulte, Arthur H	10,999	Aug. 1, 1893.
Aug. 1, 1893	Stelzleni, Alexander	8,555	Mar. 28, 1890.
Aug. 2, 1893	Smith, William T	10,838	July 3, 1893.
Aug. 3, 1893	Streuther, Charles E. F	9,717	Oct. 6, 1891.
Aug. 7, 1893	Sewing, John H	816	Sept. 10, 1881.
Aug. 9, 1893	Schreier, Charles A	667	Aug. 19, 1881.
Aug. 18, 1893	Schrader, Charles	10,774	June 19, 1893.
Aug. 28, 1893	Saenger, N	11,023	Aug. 25, 1893.
Aug. 30, 1893	Saxenmeyer, Herm	3,651	April 3, 1883.
Oct. 11, 1893	Stockhausen, Chas. W	11,080	Oct. 10, 1893.
Oct. 12, 1893	Swinnen, L. C	11,081	Oct. 10, 1893.
Feb. 27, 1894	Strub, O. B	11,178	Jan. 8, 1894.
April 14, 1894	Silverstone, H. E	11,271	April 11, 1894.
Oct. 19, 1894	Smith, John Steward	11,414	Sept. 8, 1894.
Oct. 30, 1894	Schneider, Max I	7,080	Jan. 7, 1889.
Nov. 9, 1894	Sanders, Benj	11,429	Oct. 8, 1894.
Mar. 18, 1895	Stephens, Thos B	2,719	Aug. 15, 1881.
July 5, 1893	Tamm, Adolph	9,378	April 10, 1891.
July 6, 1893	Thornton, Wesley W	9,009	Nov. 1, 1890.
July 12, 1893	Tomfohrde, J W	161	July 22, 1881.
July 12, 1893	Tomfohrde, Chas. W	568	Aug. 10, 1881.
July 14, 1893	Thierauf, Henry	128	July 20, 1881.
July 17, 1893	Temm, William D.	3,772	July 18, 1885.
July 18, 1893	Tritschler, Henry J.	7,027	Jan. 2, 1888.
July 19, 1893	Temm, Joseph A.	415	Aug. 2, 1881.
July 19, 1893	Treutler, Aban.	241	July 26, 1881.
July 21, 1893	Treutler, Oscar E.	10,931	July 20, 1893.
July 21, 1893	Temm, Alex J	526	Aug. 6, 1881.
July 22, 1893	Tschirner, Max.	10,622	April 25, 1893.
July 25, 1893	Traubel, Otto F.	8,989	Oct. 23, 1890.
July 27, 1893	Temm, H. H	414	Aug. 2, 1881.
July 27, 1893	Temm, H. H. Louis N	9,719	Oct. 6, 1891.
July 28, 1893	Temm, Joseph H.	8,341	Jan. 6, 1890.
July 28, 1893	Thompson J. E.	9,271	Mar. 4, 1891.
July 29, 1893	Thiesen, Henry G	7,043	Jan. 2, 1888.
July 31, 1893	Tubbesing, G. H	119	July 20, 1881.
Sept. 8, 1893	Trettermann, Frank.	136	July 21, 1881.
Dec. 26, 1893	Tillery, Jesse S	10,447	Mar. 29, 1893.
Jan. 12, 1894	Trittermann, Ernst.	11,082	Oct. 10, 1893.
April 23, 1894	Tritschler, Chas. Wm	11,304	April 19, 1894.
June 14, 1895	Trigg, Francis A.	11,973	June 14, 1895.
July 3, 1893	Uhlich, F. A	294	July 29, 1881.
July 3, 1893	Uhlich, Ferdinand G	62	July 18, 1881.
July 3, 1893	Ude, Otto	3,736	Mar. 17, 1884.
July 8, 1893	Ude, George	197	July 23, 1881.
Mar. 23, 1894	Urquhart, W. H. A	11,228	Mar. 19, 1894.
July 5, 1893	Vordick, August H	10,719	June 1, 1893.
July 5, 1893	Vitt, Rudolph S	10,297	Jan. 11, 1893.
July 10, 1893	Van Ness, C. O	10,050	June 9, 1892.
July 19, 1893	Vogt, Henry H	61	July 18, 1881.
July 19, 1893	Vogt, F. B	79	July 18, 1881.
July 24, 1893	Voepel, Edward H.	7,075	Jan. 7, 1889.
July 24, 1893	Vollberg, Robert.	143	July 21, 1881.
Dec. 26, 1893	Van Zant, Christ.	176	Mar. 26, 1881.
Jan. 10, 1895	Voisin, John	11,513	Dec. 14, 1894.
Oct, 18, 1895	Vogelsang, August	12,081	Oct. 16, 1895.
May 17, 1895	Wright, Chas. Howard	11,847	April 30, 1895.
May 26, 1896	Winkelmann, H. F	12,159	Mar. 24, 1896.
April 1, 1896	Willet, Val. F.	12,160	Mar. 24, 1896.
July 1, 1893	Weinsberg, Julius	5,072	April 4, 1887.
July 1, 1893	Winkel, H. A.	3,337	Oct. 7, 1884.
July 1, 1893	Weiner, Joseph.	1,219	July 29, 1881.
July 6, 1893	Waller, George	9,355	April 1, 1891.
July 6, 1893	Waldeck, W. C.	9,005	Oct. 31, 1890.
July 10, 1893	Winkelman, E. A	9,800	Jan. 5, 1892.
July 12, 1893	Werner, Frank	10,867	July 11, 1893.
July 13, 1893	Wehrenbrecht, William	9,724	Oct. 6, 1891.
July 18, 1893	Whitcomb. Fred E.	6,026	July 29, 1887.
July 18, 1893	Wilbur, Theo. S	7,110	Oct. 8, 1888.
July 19, 1893	White, James H	9,736	Oct. 24, 1891.
July 20, 1893	Weinsberg, George.	803	Sept. 1, 1881.
July 24, 1893	Williams, Fred G.	512	Oct. 4, 1886.
July 24, 1893	Witt, Charless	10,299	Jan. 11, 1893.
July 24, 1893	Woehrlin, G. A	10,892	July 12, 1893.
July 24, 1893	Waterhouse, E. R	8,760	June 5, 1890.
July 26, 1893	Wilson, Chas. F	9,830	Feb. 13 1892.

LIST OF PHARMACISTS — *Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
July 26, 1893	Weible, Harvey L	9,722	Oct. 6, 1891.
July 26, 1893	Wetteroth, Louis C	9,723	Oct. 6, 1891.
Jull 26, 1893	Westmann, F. H	745	Aug. 24, 1881.
July 27, 1893	Wagner, George	78	July 18, 1881.
July 27, 1893	Wilson, George W	514	Aug. 6, 1881.
July 27, 1893	Weipert, John A	9,351	Mar. 31, 1891.
July 27, 1893	Wittmann, Alfred G	10,617	April 24, 1893.
July 28, 1893	Westmann, J. W	10,179	Sept. 28, 1892.
July 29, 1893	Wolff, Edward H	10,977	July 29, 1893.
July 29, 1893	Wehrheim, R. H	10,984	July 29, 1893.
Aug. 2, 1893	Weeke, Paul H. F	11,002	Aug. 1, 1893.
Sept. 1, 1893	Weller, John T	1,979	Aug. 26, 1881.
Jan. 12, 1894	Wright, O. L	11,083	Oct. 10, 1893.
Nov. 8, 1894	Watkins, James A		Oct. 15, 1888.
Nov. 26, 1894	Weiterer, Herm. Ludwig	11,456	Nov. 22, 1894.
July 11, 1893	Young, Hiram W	10,189	Oct. 4, 1892.
July 13, 1893	Young, Theo. M	9,980	April 1, 1892.
July 7, 1893	Zahm, Charles H	10,848	July 5, 1893.
July 11, 1893	Zinn, C. E	3,295	April 8, 1884.
Mar. 28, 1896	Zenk, Ben. F	12,161	Mar. 14, 1896.

LIST OF PHARMACISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH AN ACT OF THE GENERAL ASSEMBLY APPROVED MARCH 31st, 1893, SINCE MY LAST REPORT.

Date of Record.		No. of Cert.	Date of Certificate.
Mar. 31, 1897	Abel, Louis F	12,296	Mar. 31, 1897.
Mar. 31, 1897	Abraham, Will W., Jr	12,297	Mar. 31, 1897.
Jan. 13, 1897	Barnes, E. R	11,161	Jan. 8, 1894.
Nov. 20, 1896	Bergen, Dell	11,704	Apr. 12, 1895
Jan. 20, 1897	Bredeman, F. W	12,263	Jan. 13, 1897.
Oct. 20, 1896	Christopher, Fredk. A	12,226	Oct. 14, 1896.
Nov. 11, 1896	Cody, H. L	12,098	Jan. 13, 1896.
Apr. 17, 1896	Daucy, Lucius	12,137	Mar. 24, 1896.
Oct. 16, 1896	Dreisverner, Arnold	12,227	Oct. 14, 1896.
Jan. 15, 1897	Elbrecht, Oscar H	12,266	Jan. 13, 1897.
Apr. 27, 1896	Everett, W. G	12,172	Apr. 16, 1896.
Apr. 18, 1896	Fisher, Oscar H	12,102	Jan. 13, 1896.
Apr. 14, 1896	Garvin, W. S	12 138	Mar. 24, 1896.
Aug. 18, 1896	Gerke, Wm. E	12,139	Mar. 24, 1896.
Oct. 29, 1896	Grabenschroer, Fred C	12,230	Oct. 14, 1896.
Oct. 15, 1896	Gralike, Herman A	12,232	Oct. 14, 1896.
Mar. 31, 1897	Havermann, Fred	12,307	Mar. 31, 1897.
Nov. 17, 1896	Henckler, Emil H	12,234	Oct. 14, 1896.
Aug. 5, 1896	Herbert, Charles	12,070	Oct. 16, 1895.
Oct. 16, 1896	Herman, Theo. H	12,235	Oct. 14, 1896.
June 11, 1896	Higgins, Geo. B	12,071	Oct. 16, 1895.
Apr. 1, 1897	Hoenig, W. L	12,309	Mar. 31, 1897.
Apr. 3, 1897	Huger, Bernard C	12,310	Mar. 31, 1897.
Sept. 30, 1896	Jones, James A	12,221	Sept. 26, 1896.
Apr. 2, 1897	Kleinschmidt, A. A	12,316	Mar. 31, 1897.
Jan. 16, 1897	Klie, Carl G. E	12,275	Jan. 13, 1897.
Aug. 18, 1896	Kohl, W. J	12,206	July 15, 1896.
Apr. 27, 1896	Konzelman, Otto W	12,142	Mar. 24, 1896.
Oct. 16, 1896	Lauffer, Thos. P	12,239	Oct. 14, 1896.
Jan. 8, 1897	Lower, R. H	3,463	Mar. 26, 1881.
May 16, 1896	Marquardt, A. V	12,108	Jan. 13, 1896.
Jan. 18, 1897	Merren, C. D	12,241	Oct. 14, 1896.
Jan. 5, 1897	Moore, Harry G	12,149	Mar. 24, 1896.
Nov. 13, 1896	Morrison, Harry Howard	10,395	Mar. 22, 1893.
June 2, 1896	Murmann, Geo. B	12,109	Jan. 13. 1896.
Feb. 1, 1897	Nally, John J	12,242	Oct. 14, 1896,
Oct. 15, 1896	Prinz, Herman	12,243	Oct. 14, 1896.
Sept. 16, 1896	Reilly, Robt. C	9,140	Jan. 6, 1891.
Feb. 18, 1897	Shaul, Dell W	12,282	Jan. 13, 1897.
Mar. 31, 1897	Staub, Geo. M	12,334	Mar. 31, 1897.
Apr. 24, 1896	Thumser, J. C	12,125	Jan. 13, 1896.
Oct. 6, 1896	Van Allen, Thos	3,377	Jan. 5, 1885.
Apr. 8, 1897	Van Nort, E. C. Jr	12,284	Jan. 13, 1897.
Aug. 10, 1896	Van Sickle, W. Wade	12,158	Mar. 24, 1896.
Jan. 14, 1897	Vogt, C. A	12,287	Jan. 13, 1897.
Oct. 16, 1896	Voiss, Arcadius	12,248	Oct. 14, 1896.
Oct. 22, 1896	Wangelin, Fred C	12,250	Oct. 14, 1896.
Oct. 16, 1896	Westendorf, Bernard	12,251	Oct. 14, 1896.

All of which is respectfully submitted,

HENRY BESCH,
City Register.

TWENTIETH ANNUAL REPORT

OF THE

Law Department of the City of St. Louis,

For the Fiscal Year ending April 12, 1897.

St. Louis, Mo., April 13, 1897.

Hon. Henry Ziegenhein, Mayor of the City of St. Louis:

Sir — I have the honor respectfully to submit this my sixth annual report (being the twentieth annual report) of the Law Department of the City of St. Louis, covering the fiscal year ending with the 12th day of April, 1897, as follows:—

I.

At the beginning of the fiscal year there were pending against the City 68 cases (other than cases before justices of the peace, which are embraced in the report of the Assistant City Counselor embodied herein). During the year 88 new cases, other than justice of the peace cases, were begun. Eighty-six of these cases were finally disposed of, leaving pending at the close of the year 70 cases. Of the 70 cases pending, five were tried, but not finally disposed of.

II.

The result of the cases finally disposed of is as follows:—

SUPREME COURT OF THE UNITED STATES.

Won	1
Lost	1

SUPREME COURT OF MISSOURI.

Won	9
Lost	6

ST. LOUIS COURT OF APPEALS.

Won	2
Lost	0

UNITED STATES CIRCUIT COURT.

Won	1
Lost	0

ST. LOUIS CIRCUIT COURT.

Won	33
Lost	13
Dismissed	20
Compromised	2

III.

The said cases finally disposed of in the several courts were as follows:—

UNITED STATES SUPREME COURT.

Celeste Pim *v.* The City of St. Louis. Ejectment to recover a portion of the Southern Wharf. Judgment of the Supreme Court of Missouri affirmed, in favor of the City, by the Supreme Court of the United States.

City of St. Louis *v.* Western Union Telegraph Co. Suit to recover poll tax. Judgment of the Circuit Court of the United States in favor of defendant affirmed by the Supreme Court of the United States.

SUPREME COURT OF MISSOURI.

Number 7038.— Harmon *v.* City. Damages for permitting the erection of a frame building. Won in Circuit Court. Won in Supreme Court.

Number 7268.— Graney *v.* City. Suit for damages for personal injuries. Won in Circuit Court. Lost in Supreme Court.

Number 7565.— Emory *v.* City. Damages for death of father. Lost in Circuit Court. Lost in Supreme Court.

Number 7569.— Butz *v.* Cavanaugh and City. Damages for drowning of son. Won in Circuit Court. Won in Supreme Court.

Number 7533.— City *v.* Dorr. Prosecution for erecting house without permit. City lost in Court of Criminal Correction. Lost in Supreme Court.

Number 7535.— City *v.* Dorr. Prosecution in the Court of Criminal Correction for erecting a business house on a boulevard. City lost in lower court. Lost in Supreme Court.

Number 7534.— City *v.* Gunning. Prosecution for erecting sign without license. Won in lower court. Won in Supreme Court.

Number 7536.— City *v.* Meyrose. Prosecution for running an engine without a licensed engineer. Won in lower court. Won in Supreme Court.

Number 7537.— City *v.* Tamm. Same as last. City won in both courts.

Number 7722.— Green *v.* City, trustee. Suit to recover compensation as appraiser of the Mullanphy property. Verdict of Circuit Court satisfactory to City. Plaintiff appealed. City won in Supreme Court.

Number 7723.— McMurray-Judge &c. Co. *v.* City. Injunction and claim for $75,000.00 damages for change of grade on Twenty-first street. Won in Circuit Court. Won in Supreme Court.

Number 7724.— Sieferer *v.* City. Ejectment to recover a portion of Martin avenue. Lost in Circuit Court. Lost in Supreme Court.

Number 7725.— Vogelgesang *v.* City. Damages for personal injuries. Lost in Circuit Court. Lost in Supreme Court.

Number 7726.— Hull *v.* City. Suit to recover compensation for services as appraiser of Mullanphy property. Verdict of Circuit Court satisfactory to City. Plaintiff appealed. City won in Supreme Court.

Number 7728.— City *v.* Weber. Exceptions to report of commissioners in condemnation. Lost in Circuit Court. Lost in Supreme Court.

ST. LOUIS COURT OF APPEALS.

State ex rel. Bernard Belker *v.* George W. Jones et al. Mandamus against Board of Election Commissioners. Won.

State ex rel. Lee Meriwether *v.* George W. Jones et al. Mandamus to compel Board of Election Commissioners to place relator's name on official ballot as regular Democratic nominee for Mayor. Won.

ST. LOUIS CIRCUIT COURT AND UNITED STATES COURT.

The proceedings in these courts are shown by the following report of Hon. Chas. Claflin Allen, Associate City Counselor, to whose ability, fidelity, zeal and remarkable success in the handling of these cases I desire to accord the fullest meed of praise.

LAW DEPARTMENT.

St. Louis, July 8, 1897.

Hon. W. C. Marshall, City Counselor:

Sir — I have the honor to make the following report concerning cases which have been under my charge during the fiscal year ending April 12th, 1897:—

CASES FINALLY DISPOSED OF IN THE CIRCUIT COURT.

1. Number 93,330. Room 1.— Joseph Davis *v.* Taylor Av. Railroad Co. et als. Action for $25,000 damages for personal injuries by the falling of a pile of railroad ties in street. Trial. Nonsuit with leave. Subsequently dismissed by plaintiff. Case won.
2. Number 93,289. Room 1.— John W. Kauffman *v.* City of St. Louis. Action for $20,000 damages by building 21st Street bridge. Dismissed.

3. Number 1230A. Room 1. Belle S. Lacy *v.* Scanlon and City. Trial. Dismissed at close of plaintiff's evidence. Case won.
4. Number 3,451. Room 1.— Charles Speck (afterwards C. F. Bates) et al. *v.* Walbridge et al. Injunction to restrain the payment of the Mayor's salary during his absence from the city. Special demurrer to petition sustained. Amended petition filed. General demurrer to amended petition sustained. Final judgment for defendant. Case won in Circuit Court. Appealed by plaintiffs to Supreme Court.
5. Number 95,539. Room 3.— Frank Hensler *v.* City et al. Action for $500 damages for injuries to horse and vehicle from driving into excavation on 19th and Locust streets. Trial. Nonsuit with leave. Case won.
6. Number 93,215. Room 2.— Saml. P. Myers *v.* Mary C. Taulby et al. Action for $4,265 damages for personal injuries from falling on sidewalk on Sarah street. Trial. Nonsuit. Case won.
7. Number 88,254. Room 3.— J. H. Vette *v.* Bradley et al. Equitable garnishment. Dismissed.
8. Number 88,265. Room 3.— Peter B. Mathiason *v.* City. Injunction to restrain City from cutting sewer pipe connections. Cross-bill by City to restrain nuisance occasioned by bone-burning and rendering factory. Decree for defendant, dismissing plaintiff's bill, sustaining defendant's crossbill, and perpetually enjoining plaintiff. Case won. Appealed by plaintiff to Supreme Court.
9. Number 90,984. Room 3.— Sarah Drum et al. *v.* City. Action for $10,000 damages for personal injuries from falling on ice on sidewalk. Trial. Verdict and judgment for defendant. Case won.
10. Number 92,125. Room 3.— W. C. Hull *v.* City. Ejectment to recover possession of certain streets north of Fair Grounds. Dismissed for failure to give security for costs.
11. Number 95,583. Room 3.— John Leubert et al. *v.* City. Action for $10,000 damages to real estate by building 21st street bridge. Dismissed for failure to give security for costs.
12. Number 95,855. Room 3.— Herman Kersting *v.* City et als. Action for $5,000 damages for personal injuries to wife by falling into an excavation in an alley. Dismissed by plaintiff.
13. Number 1505A. Room 4.— Nickolina Keller *v.* City. Action for damages by mother (divorced from child's father and married again) for loss of services, etc., of infant son, from personal injuries occasioned by sewer manhole in street. Trial. Verdict and judgment for plaintiff for $225. Case lost.
14. Number 2713A. Room 4.— St. Ann's Widows' Home, etc. *v.* Chambers et als. Suit in partition. City only nominal party. Decree in partition.
15. Number 92,538. Room 5.— W. A. Dickson *v.* Union Depot R. R. Co. et als. Injunction to restrain laying street paving on 17th and Singleton streets. Dismissed for failure to prosecute.
16. Number 2692A. Room 5.— Paul Walz *v.* City et als. Injunction to restrain the City and others from draining surface water and sewage upon plaintiff's premises. Dismissed by plaintiff.
17. Number 99,865. Room 6.— Martha J. Sweringen *v.* City. Ejectment for part of north wharf, north of Dock street. Judgment for plaintiff for possession and $5,000 damages. Case lost. Appealed to Supreme Court.
18. Number 14A. Room 6.— Nelson G. Edwards *v.* Krum et al. Suit to restrain City from paying $2,000 to C. H. Krum. Dismissed.
19. Number 192A. Room 6.— Peter D. Westervelt *v.* City. Action for salary, $1,740, as police officer for 21 months. Demurrer to petition. Case dismissed. Case won.
20. Number 99,972. Room 6.— Fannie M. Carvin *v.* Claes & Lehnbeuter Mfg. Co. and City. Action for $5,000 damages for personal injuries from falling through water meter cover. Trial. Verdict and judgment for $1,800 against both defendants. Case lost. Appealed to Supreme Court.

21. Number 270A. Room 6.—Hermann A. Haeussler et al. *v.* City. Injunction to restrain payment of $185 to Michael Cooney for refreshments furnished to House of Delegates on trip to Water-works at Chain of Rocks on Harbor boat. Decree for plaintiff. Injunction made perpetual. Case lost.

22. Number 3172a. Room 6.—Edward Wiethaupt *v.* City. Action for damages for personal injuries from driving against water pipe on South Grand avenue. Trial. Nonsuit with leave. Case won.

23. Number 96933. Room 7.—State ex rel. Louis A. Bohle *v.* Geo. Homan. Mandamus to compel respondent to carry out order of Board of Health in relation to keeping horses of Health Department. Dismissed at defendant's costs.

24. Number 1321A. Room 7.—Bernard C. Edmunds *v.* Shinkle et al. Action for damages for personal injuries from falling into cellar opening on Chestnut street. Dismissed as to City.

25. Number 1424A. Room 7.—Jennie Lawrence *v.* Pickel. Action for damages for alleged assault and battery by police officer. Dismissed for failure to give security for costs.

26. Number 2383A. Room 7.—Joseph Altnether *v.* City. Action for $5,000 for drowning of infant son on city property. Demurrer to petition sustained. Dismissed by plaintiff. Case won.

27. Number 2384A. Room 1.—Joseph Altnether *v.* City. Action for damages for drowning of infant son on city property. Demurrer to petition sustained. Dismissed by plaintiff. Case won.

28. Number 1517A. Room 3.—Albert Dammann et al. *v.* City. Action for about $1,400 damages to real estate and personal property by bursting of water main in street. Trial. Verdict and judgment for plaintiff for $1,000. Case lost. Appealed to Supreme Court.

29. Number 1532A. Room 3.—Matilda Wash *v.* City. Action for $25,000 damages for personal injuries from falling on sidewalk covered with ice. Trial. Verdict and judgment for defendant. Case won.

30. Number 2302A. Room 3.—Leon McKissick *v.* City. Action for $10,000 damages for personal injuries from falling into area way at Engine House No. 10. Trial. Nonsuit with leave. Case won. Appealed by plaintiff to Supreme Court.

31. Number 4581A. Room 5.—Charles Kossmann *v.* City. Action for $5,000 damages for personal injuries from driving over obstruction in street. Trial. Verdict and judgment for defendant. Case won.

32. Number 4538A. Room 4.—Mo. R. R. Co. *v.* City et al. Injunction to restrain interference with railroad tracks. Dismissed.

33. Number 3912A. Room 2.—State ex rel. Henry Troll *v.* Brown. Mandamus to compel auditor to allow sheriff's attendance for each division of Circuit Court. Peremptory writ ordered. Case lost. Appealed to Court of Appeals. (Tried by City Counselor.)

34. Number 3643A. Room 5.—Perley A. Griswold *v.* Selma Watson et al. Equitable garnishment. Dismissed by plaintiff.

35. Number 4195A. Room 6.—Matilda Detter *v.* City. Action for $5,000 for death of her husband, an ambulance driver, while driving across 12th street bridge. Demurrer to petition. Dismissed by plaintiff. Case won.

36. Number 4816A. Room 5.—B. F. Mesker et al. *v.* City et al. Injunction to restrain reletting of certain work on New City Hall. Injunction refused. Case won. (Tried by City Counselor Marshall.)

37. Number 4713A. Room 1.—Hermann Witte *v.* City. Bill in equity to enjoin and cancel certain tax bills. Decree for plaintiff. Case lost.

38. Number 4854A. Room 2.—John Rose *v.* City. Action for $8,000 damages for personal injuries occasioned by falling of a fragment of stone from the cornice of the coal storage house at water-works, Bissell's Point. Trial. Verdict and judgment on peremptory instruction by court. Case won.

39. Number 5294A. Room 7.— Mary Kersting *v.* City and Hill-O'Meara Construction Co. Action for $5,000 damages for personal injuries from falling into excavation in an alley in City Block 3392. Compromised. (H. O'M. Con. Co. paid $500. City paid costs.)

40. Number 5400A. Room 4.— Knapp, Stout & Co. Company *v.* City et al. Injunction to restrain vacation of a certain street under ordinance 16,093. Final judgment for defendants on demurrer. Case won. Appealed by plaintiffs to Supreme Court.

41. Number 5401A. Room 5.— Knapp, Stout & Co. Company *v.* City et al. Injunction to restrain vacation of a certain street under ordinance 16,093. Final judgment for defendants on demurrer. Case won. Appealed by plaintiffs to Supreme Court.

42. Number 5794A. Room 5.— Michael Kreamer *v.* City. Action for damages for death of son in being thrown from wagon at Compton and Osceola street. Submitted on demurrer to petition. Dismissed by plaintiff. Case won.

43. Number 4418A. Room 7.— Charles Boresi *v.* Lindell Railway Co. et al. Action for $15,400 damages from electric shock from telephone wire on Shenandoah street. Dismissed by plaintiff, as to City.

44. Number 5976A. Room 4.— Peter S. Dorndorf *v.* City et al. Action for $5,000 damages for personal injuries at new City Hall. Dismissed as to City.

45. Number 6449A. Room 3.— Joseph W. Bury *v.* Union Hall Association and City. Action for $5,000 for personal injuries in falling into cellar. Dismissed by plaintiff.

46. Number 6527A. Room 2.— Joseph Ganahl *v.* City. Equitable garnishment. Dismissed by plaintiff.

47. Number 145A. Room 7.— George Baustion *v.* Alex. Young and City. Action for $5,000 damages from falling on sidewalk. Trial. Verdict and judgment for defendants. Case won.

48. Number 6535A. Room 7.— Henry Kreh et al. *v.* City. Equitable garnishment. Dismissed by plaintiff.

49. Number 3871A. Room 5.— City *v.* George Sommers. Action to recover marriage fees collected by Justice of the Peace. Final judgment for defendant on demurrer. Case lost. Appealed to Supreme Court.

50. Number 4953A. Room 2.— John Hahn *v.* City. Action for $4,000 damages for injury to real estate by change of grade of Jefferson avenue. Trial. Verdict and judgment for defendant. Case won.

51. Number 3718A. Room 2.— Louisa K. Zeppenfeld *v.* Gerhard, Wolken and City. Action for $7,500 damages to real estate by insufficient sewerage. Dismissed as to City.

52. Number 4398A. Room 1.— Frank Fitzgibbons *v.* Miss. Valley Trust Co. et al. Action for $2,500 damages for personal injuries falling through cellar door at 609 Walnut street. Compromised. Other defendants paying damages. City paid costs.

53. Number 3358A. Room 5.— State ex rel. Isaac S. Bristol *v.* Martha E. Fischel et al. Certiorari to bring up record of Board of Charity Commissioners on proceedings to remove relator from office as Superintendent of House of Refuge. Judgment of removal quashed. Case lost. Appeal to Supreme Court. (Associated with City Counselor at trial.)

54. Number 3998A. Room 3.— State ex rel. Mark R. Chartrand *v.* Charles P. Higgins et als. Mandamus to compel election commissioners to change polling places. Writ denied. Case won. (Associated with City Counselor at trial.)

55. Number 3999A. Room 3.— State ex rel. Chas. F. Wenneker *v.* Chas. P. Higgins et als. Mandamus to compel election commissioners to change polling places. Writ denied. Case won. (Associated with City Counselor at trial.)

56. Number 4000A. Room 3.— State ex rel. Horace G. Beedle *v.* Chas. P. Higgins et als. Mandamus to compel election commissioners to change polling places. Writ denied. Case won. (Associated with City Counselor at trial.)

57. Number 4079A. Room 7.— State ex rel. Thos. J. Lynam et al. *v.* Chas. P. Higgins et als. Mandamus to compel election commissioners to place names of certain delegates on ballot for primary election. Writ denied. Case won. (Associated with City Counselor at trial.)

58. Number 4090A. Room 7.— State ex rel. B. F. McCourt *v.* Chas. P. Higgins et als. Mandamus to compel election commissioners to place the names of certain delegates on ballot for a primary election. Writ denied. Case won. (Associated with City Counselor at trial.)

59. Number 4093A. Room 3.— State ex rel. Michael Foerstel et al. *v.* Chas. P. Higgins et als. Mandamus to compel election commissioners to call primary election at request of alleged Congressional District Committee. Motion to quash sustained. Dismissed by plaintiff. Case won. (Associated with City Counselor at trial.)

60. Number 4102A. Room 7.— State ex rel. Michael Foerstel et al. *v.* Chas. P. Higgins et als. Mandamus. Same as last above. Motion to quash sustained. Case won. Appealed to Supreme Court. (Associated with City Counselor at trial.)

61. Number 4074A. Room 7.— State ex rel. John N. Chapman *v.* Cyrus P. Walbridge et als. Mandamus to compel Police Board to reinstate relator as a police officer and draw warrant for salary. Peremptory mandamus issued. Case lost. Appealed to Supreme Court.

62. Number 5135A. Room 2.— State ex rel. Tobias Mitchell *v.* Cyrus P. Walbridge, Mayor. Certiorari to bring up record of removal from office of Clerk of Health Commissioner, etc. Motion to quash writ sustained. Judgment for respondents. Case won.

63. Room 7.— Wm. E. Fisse *v.* Board of Election Commissioners. Injunction to restrain defendants from opening rejected ballots. Injunction refused. Case won. (Associated with City Counselor at trial.)

64. Number 6216A. Room 2.— State ex rel. George Reichenbach *v.* George W. Jones et als. Mandamus to compel election commissioners to print names of certain delegates on ballot for primary election. Peremptory writ ordered. Case lost.

65. Number 6220A. Room 1.— State ex rel. Michael Morrissey *v.* Jones et als. Mandamus similar to last named case. Peremptory writ ordered. Case lost.

66. Room 7.— James J. Butler *v.* Geo. W. Jones et als. Injunction to restrain election commissioners from placing names of certain delegates on ballot for primary election. Dismissed by plaintiff.

67. Number 5757A. Room 4.— State ex rel. John J. McCann *v.* A. H. Frederick et als. Certiorari to bring up records of State and City Boards of Equalization to increase assessment of taxes. On preliminary hearing court declined to issue writ. Case won.

FINALLY DISPOSED OF IN U. S. CIRCUIT COURT.

1. Number 3885. Heine Safety Boiler Co. *v.* City. Action for $10,000 damages by infringement of certain patents. Dismissed by plaintiff.

CASES FINALLY DISPOSED OF IN COURT OF APPEALS.

1. Number 6802. State ex rel. Bernard Belker *v.* George W. Jones et als. Mandamus to compel election commissioners to place relator's name on ballot for primary election as candidate for House of Delegates. Writ denied. Case won.

CASES TRIED BUT NOT FINALLY DISPOSED OF.

1. Number 95911. Room 4.— August Meiners *v.* City. Action for $10,000 damages for loss of services, etc., of wife from driving over stump in Papin street. Hung jury. Mistrial. Plaintiff took change of venue to St. Charles County.
2. Number 4849A. Room 3.— Hermann Haeussler et al. *v.* City. Action by taxpayers to restrain reletting of contract of Mesker Bros., on new City Hall. Temporary injunction denied. (Associated with City Counselor in trial.)
3. Number 89470. Room 2.— Agnes Fuchs *v.* City. Action for $5,000 damages for death of plaintiff's husband in Mill Creek Sewer explosion. Trial. Hung jury. (Associated with City Counselor in trial.)
4. Number 3467A. Room 7.— Benjamin Horton *v.* Morrison et als. Injunction to restrain improvement of Taylor avenue. Temporary injunction denied. Still pending. (Associated with City Counselor at trial.)
5. Number 3466A. Room 7.— James E. Hereford *v.* St. Louis Stone Masons Quarry & Building Asson. et als. Injunction to restrain improvement of Cook avenue. Temporary injunction denied. Still pending. (Associated with City Counselor at trial.)

In addition to the foregoing I have attended to the duties of the City Counselor during his absence, and to such other duties as have been assigned to me from time to time.

All of which is respectfully submitted,

Chas. Claflin Allen,
Associate City Counselor.

IV.

JUSTICES OF THE PEACE.

The following report of Hon. Alexander Nicholson, Assistant City Counselor, shows the cases tried before Justices of the Peace, with their results.

St. Louis, Mo., April 13th, 1897.

Hon. Wm. C. Marshall, City Counselor:

Sir — I have the honor to herewith submit my second annual report of the work of this department in my charge, covering the fiscal year from April 13th, 1896, to April 12th, 1897, inclusive.

June 8, 1896.— C. S. Zimmer *v.* City of St. Louis. Tried before Justice Hennessy, being an action for $500.00 damages for injuries sustained by falling into hole at south end of bridge over railroad tracks, at Reilly avenue. Judgment for plaintiff, $500.00. Appealed to Circuit Court.

March 10, 1897.— Case No. 5089. Above case tried before jury in Circuit Court. Judgment for plaintiff, $200.00. Compromised for $275.00.

June 15, 1896.— City of St. Louis, Trustee of Mullanphy Bequest *v.* Trumbull et al. Tried before Justice Hennessy, being an action for restitution of premises. Judgment for plaintiff.

Oct. 27, 1896.— Jno. Greb *v.* City and Wm. J. Vonder Heide. Trial before Justice Hanley, being an action for $500.00 damages for injury to property and person caused by reason of excavation on Manchester road. Judgment against both defendants, $150.00. Appealed to Circuit Court, where there was judgment in favor of City.

Nov. 20, 1896.— Egan *v.* City. Trial before Justice Spaulding, being an action for $500.00 damages for personal injuries sustained by reason of falling on South Jefferson avenue, caused by defective sidewalk. Judgment in favor of City.

Jan. 12, 1897.— Case No. 340. George W. Sallee *v.* City. Trial before jury in Circuit Court, being an action for $110.00 for damage to horse and buggy sustained by reason of obstruction in street. Judgment for plaintiff, $106.50. Appealed to Supreme Court.

March 9, 1897.—Otto Morgenier, a minor, by next friend, *v.* City. Trial before Justice Sommers, being an action for $500.00 damages for personal injuries sustained by reason of falling on defective stairway at south end of Jefferson avenue foot bridge extending over railroad tracks. Judgment for plaintiff, $300.00. Appealed to Circuit Court.

March 9, 1897.— Christian Morgenier and Wife *v.* City. Tried before Justice Sommers, being an action by father and mother of plaintiff in last above-mentioned case, for damages in sum of $500.00 for loss of services of minor son. Judgment for plaintiff for $184. Appealed to Circuit Court.

March 31, 1897.— Herman Hill *v.* Daniel Meyers, being an action for malicious prosecution, the defendant, an inspector in sewer department, having caused the arrest of plaintiff for depositing rejected brick upon, and thereby obstructing, the highway, contrary to ordinance. Dismissed by plaintiff.

April 1, 1897.— S. S. Brown *v.* City and Police Captain O'Malley. Tried before Justice Haughton, being an action for value of personal property taken into possession by police department, when plaintiff was removed to hospital, he having been wounded by gunshot, and said personal property having been lost or mislaid by police department. Represented both defendants. Judgment for both defendants.

In addition to the foregoing, I have had in my charge the court proceedings of the various proceedings, which appear in the report of the clerk of this department, instituted by the City for the purpose of opening streets and alleys, and changing grades, etc.

Respectfully submitted,

ALEXANDER NICHOLSON,
Assistant City Counselor.

V.

The following report of Walter B. Dryden, Clerk, shows the work done by this department in condemnation cases, with the results therein:—

ST. LOUIS, April 14th, 1897.

Hon. W. C. Marshall, City Counselor:

SIR — At the beginnning of the fiscal year 1896-97, there were pending 57 street and alley opening cases. During the year 57 new cases were instituted. Final judgments were obtained in 28 cases, leaving 86 pending at the close of the fiscal year. Of said 86 cases so pending, some are still before the commissioners and others are pending on exceptions.

The tabulated form hereto attached shows in detail the cases and their status at the close of the year.

Respectfully submitted,

WALTER B. DRYDEN,
Clerk.

THE FOLLOWING CASES WERE PENDING AT THE BEGINNING OF THE FISCAL YEAR 1896–1897.

ROOM.	NO.	STYLE.	OPENING.	ORD.	REMARKS.
5	79,598	City *v.* Davis et al	Alley 3916	14,960	Pending
3	80,499	“ McManus	Alley 3920	14,943	“
4	80,513	“ Meyer et al	Alley 3917	14,961	“
1	81,602	“ Siebert et al	LaSalle st	14,924	“
3	82,672	“ Biddle et al	Alley 570	15,490	“
3	87,174	“ Boatmen's Bank et al	Florissant av	16,389	“
5	89,754	“ Meurer et al	Tower Grove av	16,717	Final Judg.
1	89,765	“ Weber et al	Newhouse av	16,756	Pending.
3	89,775	“ Lane et al	Bayard av	16,419	“
1	91,472	“ Leathe et al	Alley 3917	14,961	“
4	91,475	“ Flunker et al	Alley 2342	16,417	Final Judg.
4	94,082	“ Pease et al	Loughborough av	17,963	Pending.
2	94,203	“ Bauer et al	Terry av	16,902	“
5	96,353	“ Roe et al	Park av	17,410	“
4	96,892	“ Dangerfield et al	Sidney st	17,497	Final Judg.
5	96,893	“ Green et al	Alley 1060	13,329	Pending.
4	96,928	“ Ranken et al	Compton av	18,301	“
4	96,957	“ Wynne et al	Clara av	17,745	Final Judg.
4	96,956	“ Charleston et al	Alley 2952	17,349	“
5	98,631	“ Schweer et al	Columbia av	16,949	Pending.
2	98,645	“ Lane et al	Alley 3783	17,613	Final Judg.
2	98,662	“ Brown et al	Alley 3790	17,723	“
4	98,664	“ Mersman et al	Alley 3775	17,611	Pending.
5	98,666	“ Smith et al	Alley 4557	17,619	“
2	98,678	“ Young et al	Cora av	17,645	Final Judg.
1	99,193	“ Berry et al	Ninth st	16,945	“
3	99,195	“ Goeke et al	Tenth st	16,946	“
4	99,194	“ Ambs et al	Eleventh st	16,947	“
3	99,202	City *v.* Cutler et al	Alleys 3690 & 3691	17,348	Pending.
4	99,203	“ Oxman et al	Union av	17,605	Final Judg.
5	99,204	“ Hitchcock et al	Klemn st	17,712	“
2	99,206	“ Whitaker et al	Thurman boul	17,715	“
4	99,208	“ Dunn et al	Sullivan av	17,344	Pending.
1	99,218	“ Elliot et al	Spring av	17,714	“
2	99,219	“ Tanner et al	Alley 5073	17,351	Final Judg.
5	99,248	“ Butler et al	Eighteenth st	17,799	Pending.
2	99,676	“ Frein et al	Alley 2199	17,469	Final Judg.
2	99,707	“ Bocka et al	Virginia av	17,411	Pending.
3	99,722	“ Toeneskoetter et al	Broadway	17,747	“
4	99,723	“ Whitelaw et al	Broadway	17,748	“
5	99,724	“ Tarpy et al	Westminster pl	17,765	“
1	99,725	“ Seibert et al	Belt av	16,948	Final Judg.
4	99,730	“ Freese et al	Osage st	17,345	Pending.
5	99,735	“ Wild et al	Texas av	17,964	Final Judg.
7	100,253	“ Wise	Alley 2060	17,981	“
7	100,258	“ Walter et al	Broadway	17,749	Pending.
7	100,298	“ Toll et al	Fyler av	17,496	“
7	100,299	“ Kelley et al	Alley 3778	17,612	Final Judg.
6	100,365	“ Galt et al	Chippewa st	17,797	Pending.
6	1,173a	“ Garrell et al	Fairfax av	18,032	“
7	1,177a	“ Buss et al	Euclid av	18,130	“
4	1,596a	“ Stocke et al	King's highway	18,069	“
6	2,494a	“ Levi et el	Burd av	18,211	Final Judg.
1	2,496a	“ Monaghan et al	Alley 2971	17,719	Pending.
6	2,534a	“ Berry et al	Von Versen av	18,303	“
2	2,538a	“ Moleter et al	Kraft st	18,302	“
7	2,539a	“ Beine et al	McLaren av	18,304	“

The following cases were instituted during the present fiscal year:—

ROOM.	NO.	STYLE.	OPENING.	ORD.	REMARKS.
7	3,371	City *v.* Lackland et al	Flora av	18,417	Final Judg.
5	3,952	“ Costello et al	Alley 3798	18,427	Pending.
6	3,953	“ Seamans et al	Alley 3793	18,424	“
7	3,954	“ Wolff et al	Alley 2267	18,384	“
1	3,955	“ Birsner et al	Alley 4525	18,433	“
2	3,956	“ Corridan et al	Alley 4531	18,438	“
5	3,959	“ Griffith et al	Alley 4528	18,436	“
6	3,960	“ Baggott et al	Alley 3797	18,426	“
7	3,961	“ Wagner et al	Alley 4513	18,429	“
1	3,962	“ Ryan et al	Alley 3795	18,424	“
2	3,963	“ King et al	Alley 3794	18,423	“
4	3,965	“ Thomas et al	Alley 3796	18,425	“
5	3,966	“ Eberlain et al	Alley 4914	18,442	“
6	3,967	“ Braune et al	Alley 4915	18,441	“
2	3,989	“ Klepper et al	Alley 3792	18,421	“
5	4,005	“ Carten et al	Alley 4530	18,437	“
3	4,006	“ Nagel et al	Alley 4527	18,435	“
6	4,007	“ Fitzgerald et al	Alley 4826	18,439	“
7	4,008	“ Baker et al	Alley 4514	18,430	“
4	4,009	“ Fitzgerald et al	Alley 4827	18,440	“
5	4,010	“ Hake et al	Alley 4521	18,431	“
7	4,011	“ Schultz et al	Alley 4526	18,434	“
1	4,025	“ White et al	Alley 3799	18,428	“
6	4,026	“ Hoffman et al	Alley 4522	18,432	“
2	4,058	“ Hutchinson et al	Alley 3566	18,531	“
5	4,059	“ Callahan et al	Alley 3573	18,532	“
1	4,060	“ Marten et al	Alley 3600	18,533	“
5	4,061	“ Boggs et al	Alley 3601	18,534	“
7	4,062	“ Rea et al	Alley 3604	18,535	“
5	4,063	“ Bright et al	Alley 3605	18,536	“
5	4,064	“ Fusz et al	Alley 3606	18,537	“
1	4,065	“ Nation et al	Alley 3607	18,538	“
2	4,066	“ Fleming et al	Alley 3608	18,539	“
2	4,067	“ Sullivan et al	Alley 3609	18,540	“
7	4,068	“ Barry et al	Alley 3610	18,541	“
2	4,069	“ McCormick et al	Alley 3611	18,542	“
5	4,070	“ Palmer et al	Alley 3612	18,543	“
5	4,071	“ McKimm et al	Alley 3613	18,544	“
5	4,072	“ Heimenz et al	Alley 3614	18,545	“
2	4,073	“ Appel et al	Alley 4413	18,547	“
1	5,113	“ Madill et al	Alley 4946	18,553	Final Judg.
2	5,114	“ Juengel et al	Alley 820S	18,508	Pending.
3	5,115	“ Wittler et al	Alley 820	18,509	“
4	5,116	“ Mott et al	Kennerly av	18,528	“
5	5,117	“ Gray et al	Alley 4947	18,554	Final Judg.
6	5,118	“ Bendi et al	Alley 4952	18,555	“
7	5,119	“ Althaus et al	Alley 4935	18,550	“
1	5,120	“ Buss et al	Alley 4941	18,552	“
2	5,121	“ Branch et al	Alley 4940	18,551	“
3	5,122	“ Schlieper et al	Theodosia av	18,527	Pending.
4	5,123	“ Bischoff et al	Alley 3805	18,546	“
5	5,124	“ Motz et al	Alley 4437	18,549	“
6	5,125	“ Zink et al	Alley 5038	18,556	“
7	5,126	“ Giese et al	Alley 4436	18,548	“
2	5,706	“ Dolan et al	Tamm av	18,511	“
7	5,731	“ Edmunds et al.	Alley 4585	18,704	“
3	6,234	“ Morris et al	Alley 3829	18,744	‘

VI.

During the fiscal year 46 written opinions upon a great variety of subjects were delivered by the City Counselor.

I have the honor to be,

Very respectfully,

Your obedient servant,

W. G. MARSHALL,
City Counselor.

ANNUAL REPORT

OF THE

PRESIDENT BOARD OF ASSESSORS,

For the Fiscal Year ending April 12, 1897.

St. Louis, April 30th, 1897.

Hon. Henry Ziegenhein, Mayor City of St. Louis:

Dear Sir — In submitting the annual report of the Department of the Assessment of the Revenue for the fiscal year ending April 12th, 1897, I desire to call your attention to the reduction in the total assessment for this year as below that of the year 1896, and the reasons for that reduction.

On the 27th day of May, 1896, a great calamity in the shape of a cyclone visited the city which destroyed real estate and personal property, which we estimated at a value exceeding ten million dollars.

There were 6,942 houses considerably damaged.
" " 1,249 " partially damaged.
" " 321 " entirely destroyed.
8,512

As the destruction of this property was just prior to the time of assessments, we reduced the same in accordance with the damage done to each building. In order to ascertain this I sent all of the District Assessors, with a large number of Deputies, from this office in the tornado stricken district, and made a thorough canvass, and the changes in the assessments already referred to. In addition to the damage done to the buildings a large amount of personal property was destroyed, which consequently was not returned for taxation this year.

Besides this a consolidation of several of our large banks and a corresponding decrease in their capital and money invested, caused a considerable reduction in the total personal property values. These reductions were largely offset by the number of new office buildings, manufacturing sites, and homes, that were erected prior to June 1st, 1896.

When we take into account all of the circumstances, I believe we can congratulate ourselves on the comparative small reduction made in our total assessments.

STATEMENT OF EXPENDITURES.

Salaries: President of Board, Deputies, Draughtsmen and Clerks	$48,684 11
" District Assessors	18,000 00
" Board of Equalization	672 00
" Temporary Clerks in Comptroller's office	741 49
Advertising	172 54
Books and binding	1,197 55
Printing and stationery	1,530 05
Postage	315 00
Furniture and repairs	1,229 12
Telephone and clock rental	118 00
Buggy hire	400 00
	$73,059 86

ABSTRACT OF TAXABLE VALUES OF THE CITY OF ST. LOUIS, FOR THE TAXES OF THE YEAR 1897.

NEW AND OLD LIMITS.	Real Estate.	Personal Property.	Total Subject to State Tax.	Total Subject to School Tax.	Total Subject to City Tax.
New Limits...	$75,641,430	$6,934,290	$82,575,720	$82,575,720	$82,575,720
Old Limits....	218,336,890	38,176,170	256,513,060	256,513,060	256,513,060
Grand Total...	$293,978,320	$45,110,460	$339,088,780	$339,088,780	$339,088,780

There should be added to the above amount the assessment made on railroad property in the City of St. Louis as equalized by the State Board of Equalization.

The following amounts are not included in the above:—

Omitted taxes for the year 1896..................................$25,370 00

Included in the above is the following amount:—

Steamboats subject to a special City tax..........................482,600 00

ABSTRACT OF VALUES 1877 TO 1896.

The total assessments of the City of St. Louis, for the year 1876, the year previous to the enforcement of the Scheme and Charter, was $166,441,110.00. For the same year the county was assessed for $38,896,450.00. For the ensuing years the total assessments of the City were as follows:—

YEAR.	Real.	Personal.	Total.
1877	$148,012,750	$33,332,810	$181,345,560
1878	140,976,540	31,853,440	172,829,980
1879	136,071,670	27,742,250	163,813,920
1880	135,824,980	27,668,020	160,493,000
1881	139,897,470	27,466,760	167,364,230
1882	161,679,250	30,040,280	191,719,530
1883	161,621,790	29,900,700	191,522,490
1884	178,592,980	33,221,960	211,814,940
1885	177,857,240	30,053,110	207,910,350
1886	185,025,060	30,996,080	216,021,140
1887	187,088,120	32,326,760	219,414,880
1888	195,978,250	31,191,730	227,169,980
1889	196,185,840	34,152,970	230,338,810
1890	214,971,060	33,856,770	248,827,830
1891	215,353,980	39,779,710	255,132,690
1892	243,239,240	41,279,410	284,518,550
1893	242,737,430	45,088,990	287,826,420
1894	270,288,800	45,033,760	315,292,560
1895	286,098,900	44,387,740	330,486,640
1896	296,419,690	49,520,460	345,940,150

Respectfully, A. H. FREDERICK,

Pres't Board of Assessors.

ANNUAL REPORT

OF THE

INSPECTOR OF WEIGHTS AND MEASURES,

For the Fiscal Year ending April 12, 1897.

OFFICE OF INSPECTOR OF WEIGHTS AND MEASURES,
ST. LOUIS, April 16, 1897.

Hon. Henry Ziegenhein, Mayor City of St. Louis;

DEAR SIR — I herewith respectfully submit my annual report of receipts and disbursements of the Office of Inspector of Weights and Measures for the fiscal year commencing April 13, 1896, and ending April 12, 1897, together with a statement of the number of scales and measures inspected during the year: —

Amount collected and turned into the City Treasury by me from April 13, 1896, to April 12, 1897		$10,117 30
Expenses of the office for the year ending April 12, 1897:		
Salaries of Inspector and Assistants	$6,999 96	
Office expenses	753 45	7,753 41
Collection over and above expenses		$2,363 89

Number of scales and measures inspected from April 13, 1896, to April 12, 1897: —

Track scales	79
Hopper scales	173
Wagon scales	785
Depot scales	218
Floor scales	1,652
Platform scales	2,034
Beam scales	52
Counter scales	8,860
Spring scales	2,148
Total	16,001
Sets of Dry Measures	392
Sets of Liquid Measures	508
Odd Dry Measures	14,417
Odd Liquid Measures	7,356
Yard Measures	3,488
Charcoal Measures	1
Bushel Measures	4
Total	26,166

During the year there were 260 Dry and 180 Liquid Measures, and 526 scales condemned.

There were 10 prosecutions for giving short weight, 14 prosecutions for using false Measures and 5 for using false Scales. There were also 7 Ice, 2 Ragman, and 5 Counter Scales confiscated.

Very respectfully,

JOHN C. LYONS,
Inspector of Weights and Measures.

ANNUAL REPORT

OF

HENRY ZIEGENHEIN,

COLLECTOR OF THE REVENUE,

For the Fiscal Year ending April 12, 1897.

St. Louis, May 24th, 1897.

Hon. Henry Ziegenhein, Mayor City of St. Louis:

Dear Sir — In pursuance of the provisions of Section 47, Article 4, of the City Charter, I have the honor to submit the annual report of my collections of City, State and School Revenue, for the fiscal year ending April 12, 1896, and disbursements thereof as follows:—

COLLECTIONS FOR THE STATE.

TAXES AND INTEREST.

Current taxes of 1896	$718,584 51^{5}	
Back “ “ 1896	14,456 95	
“ “ “ 1895	61,004 56	
“ “ “ 1894	14,727 98	
“ “ “ 1893	4,909 85	
“ “ “ 1892	2,237 94	
“ “ “ 1891	1,229 06	
“ “ “ 1890	217 62	
“ “ “ 1889	70 45	
“ “ “ 1888	3 52	
“ “ “ 1887	50	
“ “ “ 1885–1886	16 42	
“ “ “ 1865–1884	6 38	
Delinquent personal taxes 1896	327 50	
“ “ “ 1895	3,208 06	
“ “ “ 1894	214 00	
“ “ “ 1893	184 05	
“ “ “ 1892	166 85	
“ “ “ 1891	211 00	
“ “ “ 1890	165 68	
“ “ “ 1889	155 23	$822,098 11^{5}

STATE LICENSES.

Merchants	$35,704 25		
Manufacturers	32,500 50		
Brokers	1,400 00		
Peddlers	30 00		
Billiards	820 00		
Auctioneers	750 00		
Dramshops	208,793 80	279,998 55	1,102,096 66^5
Total collections for the State			$1,102,096 66^5

COLLECTIONS FOR THE PUBLIC SCHOOLS.

TAXES AND INTEREST.

Current taxes of 1896	$1,149,721 74	
Back " " 1896	23,116 07	
" " " 1895	97,618 18	
" " " 1894	23,601 75	
" " " 1893	7,850 14	
" " " 1892	3,592 38	
" " " 1891	1,650 35	
" " " 1890	292 31	
" " " 1889	96 95	
" " " 1888	3 54	
" " " 1887	50	
" " " 1885 to 1886	16 42	
" " " 1865 to 1884	6 43	
Delinquent personal taxes 1896	523 13	
" " " 1895	5,134 64	
" " " 1894	342 14	
" " " 1893	294 72	
" " " 1892	269 39	
" " " 1891	281 10	
" " " 1890	218 23	
" " " 1889	206 94	
Merchants & Manufacturers licenses	109,127 60	$1,423,964 65

Total collections for the Public Schools	$1,423,964 65

COLLECTIONS FOR THE CITY.

TAXES AND INTEREST.

Current taxes of 1896	$3,984,125 01^9	
Back " " 1896	80,801 14	
" " " 1895	343,826 63	
" " " 1894	83,820 75	
" " " 1893	28,074 20	
" " " 1892	12,712 92	
" " " 1891	6,247 93	
" " " 1890	1,023 46	
" " " 1889	341 95	
" " " 1888	8 92	
" " " 1887	1 54	
" " " 1885–1886	70 66	
" " " 1865–1884	24 52	
Delinquent personal taxes 1896	1,818 31	
" " " 1895	17,845 52	
" " " 1894	1,206 78	
" " " 1893	1,054 95	
" " " 1892	973 50	
" " " 1891	1,094 32	
" " " 1890	842 27	
" " " 1889	851 17	$4,566,766 45^9

Amount brought forward		$4,566,766 45^9	
Sprinkling taxes 1896	$79,723 67		
" " 1895	11,841 40		
" " 1894	4,779 38		
" " 1893	2,532 23		
" " 1892	2,289 35		
" " 1891	740 31		
" " 1890	169 77		
" " 1889	77 13		
" " 1888	21 01	102,174 25	
Forest Park Boulevard Special Tax Bills		875 98	$4,669,816 68^9
Auctioneers		2,875 00	
Banks, brokers and financial agents		5,462 50	
Billiards and ten-pin alleys		520 0	
Bills for keeping insane patients		7,909 87	
Bill posters		30 00	
City Hospital bills		213 00	
Commission merchants		12,866 70	
Dogs		4,481 75	
Dramshops		979,097 25	
Engravers		80 00	
Flying horses		140 00	
Fortune tellers and clairvoyants		600 00	
Garbage removers		220 00	
Hotels and boarding houses		1,257 25	
House of Refuge bills		79 80	
Insurance companies and agents		17,750 00	
Intelligence offices		250 00	
Interest and costs on street opening special taxes		1,362 30	
Jail bills		2,789 60	
Junk shops and wagons		1,380 10	
Lumber measures		30 00	
Manufacturers		116,295 50	
Market bills — Union		29,247 50	
" " Soulard		275 00	
" " South		48 00	
Merchandise brokers		4,000 00	
Mercantile agencies		700 00	
Merchants		153,324 95	
Ordinaries		2,253 25	
Pawnbrokers		4,000 00	
Peddlers and hawkers		9,121 55	
Photographers		468 75	
Railroad ticket brokers		1,050 00	
Real estate agents		4,700 00	
Registers fees		4,491 00	
Rent bills		3,901 76	
Runners		332 00	
Shooting galleries		25 00	
Stock yards		150 00	
Street opening. Special taxes		172,846 04	
Street Railroads ($25.00 per car)		19,000 00	
Theaters and exhibitions		1,875 00	
Vault cleaners		400 00	
Vehicles		25,545 75	
Weighers tickets		6,568 47	
Weighers		50 00	
Wharfage account		66,672 47	
Work House bills		50 00	1,666,787 11
Total collections for the City			$6,336,603 79^9

RECAPITULATION.

Collections for the State —			
Taxes and Interest	\$822,098 11^5		
Licenses	279,998 55	\$1,102,096 66^5	
Collections for the Public Schools —			
Taxes and Interest	\$1,314,837 05		
Licenses	109,127 60	\$1,423,964 65	
Collections for the City —			
Taxes and Interest	\$4,566,766 45^9		
Licenses, wharfage and special Taxes	1,666,787 11		
Sprinkling Taxes	103,050 23	6,336,603 79^9	
Commissions collected on Back and Delinquent Personal Taxes		17,014 34	\$8,879,679 45^4
Total collections for State, School and City			\$8,879,679 45^4

DISBURSEMENTS.

Amt. paid into the State Treasury	\$1,089,970 54		
" " " " Public School Treasury	1,414,728 66		
Amt. paid into the City Treasury	6,257,500 77	\$8,762,199 97	
Coms. on Current Taxes, State, School and City Licenses and Sprinkling Taxes	\$100,465 14^4		
Coms. on Back and Delinquent Personal Taxes	17,014 34	117,479 48^4	\$8,879,679 45^4

COMMISSION ACCOUNT.

Coms. on Current Taxes, State, School and City Licenses and Sprinkling Taxes	\$100,465 14^4	
Coms. on Back and Delinquent Personal Taxes	17,014 34	\$117,479 48^4

Respectfully submitted,

HENRY ZIEGENHEIN,
Late Collector of the Revenue.

ANNUAL REPORT

OF THE

INSPECTOR OF BOILERS AND ELEVATORS,

For the Fiscal Year ending April 12, 1897.

Hon. Henry Ziegenhein, Mayor of St. Louis:

SIR — I have the honor to herewith submit my annual report of the receipts and disbursements for the fiscal year just closed, together with a statement of the services performed by the Board of Engineers. The cyclone, which visited St. Louis May 27th last and which was so destructive to life and property, was not sparing in its damages to steam plants, and this, with the general depression of business throughout the country, combined to reduce the volume of business of this department largely to what it otherwise should have been:—

Total appropriations	$11,751 00
Total expenses	11,583 42
Returned to general revenue	$ 167 58
Paid into treasury on account of boilers	$8,075 00
Paid into treasury on account of elevators	4,609 00
Paid into treasury on account of applicants	518 00
	$13,202 00
Total expenses	11,583 42
Paid treasurer over and above expenses	$1,618 58

EXPENSES OF THE DEPARTMENT.

Pay-rolls inspector, etc	$8,983 35
Board of engineers	416 00
Apparatus and repairs	246 20
Horse	125 00
Stabling, shoeing, etc	832 40
Hire	33 00
Harness and repairs	73 15
Wagon and repairs	314 55
Office expenses, furniture, etc	75 87
Car tickets	175 00
Printing and stationery	308 90
Total	$11,583 42

Amount paid into the treasury	$13,202 00
Certificates on hand to be collected for	476 00
Total	$13,678 00
Expenses	11,583 42
Amount over and above expenses	$2,094 58
Amount of boilers collected for, 1,615	$8,075 00
Amount of boilers to be collected for, 92	460 00
Amount of boilers City institutions, 26	130 00
	$8,665 00
Number of elevators collected for, 4,609	$4,609 00
Number of elevators to be collected for, 16	16 00
	$4,625 00
Number of applicants' fees collected for, 259	$518 00

BOILERS CITY INSTITUTIONS.

Court House	2
City Hospital	3
Female Hospital	3
Insane Asylum	3
" " Pump House	2
Poor House	3
Four Courts	3
City Work House	2
House of Refuge	3
New City Hall	2

Number of boilers condemned	32
Number of defects in mud drums	38
Number of repairs on sheets	42
Number of defects on flues and tubes	357
Number of defects on safety valves	12
Number of defects on water columns	6
Number of cracked drum heads	8
Number of boilers bracing in heads	6
Number of boiler explosions in the year	1

This a small upright boiler at clay works at Howard. One (1) person killed. Cause of explosion unknown.

BOARD OF ENGINEERS.

Number of licenses renewed	1,360
Number of applicants for licenses	259
Number of applicants rejected	195
Number of applicants qualified	42
Number of applicants not yet examined	22
Number of special permits granted	7

All of which is respectfully submitted.

CHAS. J. PRICE,
Insp. Boilers and Elevators and Sec. Board of Eng.

H. C. TULLEY,
H. H. PHILPER,
Members of Board of Engineers.

ANNUAL REPORT

OF THE

CITY WORKHOUSE,

For the Fiscal Year ending April 12, 1897.

OFFICE OF CITY WORK HOUSE,
ST. LOUIS, April 13, 1897.

Hon. Henry Ziegenhein, Mayor of St. Louis:

SIR — I herewith respectfully submit the following report of the management of this institution for the fiscal year ending April 12, 1897, including detailed statements presenting appropriations and expenditures, the number of male and female prisoners, and the respective amounts of various kinds of labor performed by same, etc.

By a comparison of the statement of receipts and expenditures it will be found that while the total expenditures amount to $57,666.50, the receipts and earnings amounted to $56,948.57, or only $717.93 less of making the institution self-sustaining, even at the low rate of estimates and prices allowed for prison work or labor performed.

Owing to the many rainy days during the past year much time was lost in quarrying and street-grading, as prisoners cannot be taken out at such times. Were it not for this fact the receipts and earnings would present a much larger amount (as our main revenue is derived from above work), and thus show that the institution is not an expense upon tax-payers; while it furnishes compulsory labor for idle hands that will not seek legitimate employment, thereby keeping them under restraint for their own as well as public good, for "an idle brain is the devil's best workshop."

There is no material change to report in the kind of labor being performed by the prisoners. Quarrying, and the making of rip-rap and macadam, as well as the grading and shaping of public streets and alleys, and the filling of stagnant ponds or abating of nuisances condemned by the Board of Health or recommended by the Mayor is still being performed under the direction of the Board of Public Improvements. Besides this, the repairs of property whenever and wherever practicable, and tools, implements, as well as horseshoeing, are also performed by the male prisoners, while the female prisoners are obliged to look after the scrubbing and cleaning of the various buildings, and the washing, ironing, and sewing of clothes of the inmates of the institution.

Much of the debris caused by the cyclone of May 27, 1896, and scattered throughout our parks, public streets and alleys, as well as grounds of the various City institutions was also moved by prison labor, thereby saving the City heavy expenditures which otherwise would necessarily have had to be made.

Several lengths of prison fences have been reconstructed, new flooring has been laid in several of the buildings and the roofs of male and female prisons as well as the paint shop have been replaced.

The old and worn-out culvert passing through the prison yard which for a long time has been a source of great annoyance, has been taken up and replaced by a new one, also an entirely new vault has been constructed during the past year by Work House hands.

To avoid the great loss of time incident to rainy seasons, to establish more labor for the inmates, I believe it both practicable and profitable, and therefore recommend the establishment of a broom department in connection with this institution. This would furnish labor for both sexes and a sufficient number of brooms could be manufactured to supply the respective City institutions and their several departments. The plan has been adopted by similar institutions of other cities and is giving entire satisfaction.

The inadequate accommodation of cell room for the constant increase of prisoners is indeed a time-worn subject, as may be seen by the successive reports of this institution for the past years; nevertheless the overcrowded condition of the male prison is indeed a serious one. There are forty-five cells for male prisoners, each cell being eighteen feet long and nine feet wide. The original intention was to provide room for four prisoners in each cell; but ofttimes now there are as many as ten and twelve prisoners confined in a single cell which are provided with no accommodations or provisions as regards sanitary regulations whatsoever. The Grand Jury in its quarterly investigations has frequently complained of the unsanitary condition of said cells for which the Superintendent has several times been unjustly criticized for it is evident that so large a number of prisoners, confined in so small a space with little or no regard for cleanliness, will unavoidably produce many evil results as well as prove injurious to the health of the prisoners. The only measure of temporary relief the management could resort to was to arrange at sundry times a large list of prisoners, and petition the Mayor to remit the fines and again open for them the doors of the institution and turn them loose upon the community to harass the citizens with their many and vile depredations. The many unpleasant newspaper comments as well as the frequent discussions of the Board of Public Improvements concerning measures to relieve this strained condition of affairs, has finally culminated in the introduction of an ordinance into the Municipal Assembly authorizing the erection of a temporary building to contain twelve additional cells. It is to be hoped that the ordinance will meet with favorable consideration and thus relieve a long-felt want.

The minimum number of inmates during the past fiscal year at any time was 316 male and 67 female, making a total of 383 prisoners, while the maximum number was 455 male and 73 female, making a total of 528 prisoners.

The cost of feeding one person for the past fiscal year including officers and employees of the institution was $337.08, making 28.09 per day, while the cost of maintaining one criminal, including clothing, food, fuel, light, furnishings, repairs and improvements was $175.20, or 14.60 per day. The reason of the extreme low rate for the maintenance of prisoners is due to the fact that large quantities of vegetables are grown in the garden adjoining, and belonging to the institution, the purchase of which would place the City at quite an expense.

The number of salaried officers and employees of the Work House are as follows: —

Superintendent, 1; clerk, 1; foremen, 5; blacksmith, 1; physician, 1; guards, male, 22, and female 2 — 24; hostler, 1; cook, 1; matron, 1; making a total of 36.

In compliance with ordinance 18,759 and approved January 2, 1897, two women guards were appointed at this institution, whose duty it is to alternately guard all women sentenced to the Work House. This measure was introduced to improve the existing conditions of affairs of the female prison and it is to be hoped good results will follow.

During the past year six mules have been purchased for the Work House to replace an equal number that died on account of old age, also in compliance with ordinance No. 18,820, one horse was purchased for Superintendent's use, to enable him to personally look after and inspect the grading of streets and alleys, the work of which in the southern district of our city is largely performed by Work House hands.

The harness belonging to the Work House is old and in constant need of repairing. The same should be replaced by strong and durable harness, so that the work of hauling will not be impeded by constant waste of time in the mending of same.

The usual health of the prisoners during the past year has been quite good considering the overcrowded and unsanitary condition of the cells as well as the fact that the majority of prisoners brought here for confinement come from the pest-ridden and all manner of disease-infected districts of this city. The institution is indebted to Dr. Jelks for his constant and efficient service in looking after the health of the prisoners.

In concluding this report I desire to express my obligations to the Hon. Board of Public Improvements for their prompt attention to matters appertaining to this institution and for their kind counsel and courteous treatment during the past year, also to the respective officers and employees for their earnest and faithful services rendered to advance the best interests of the institution.

The following tabulated statement will furnish all necessary information concerning the government of the Work House.

Respectfully submitted,

NICHOLAS KARR,
Superintendent Work House.

FINANCIAL STATEMENT OF THE ST. LOUIS WORK HOUSE FOR THE FISCAL YEAR ENDING APRIL 13TH, 1897.

By appropriation Ordinance No. 18,505		$14,419 38
By appropriation Ordinance No. 18,577		46,700 00
By appropriation Ordinance Nos. 18,820, 18,829, 18,856		975 00
To Expenditures	$57,666 50	
To Balance reverted to Municipal Revenue	44,427 88	
	$62,094 38	$62,094 38

DETAILED STATEMENT OF RECEIPTS AND EARNINGS.

By fines and fees collected	$1,007 80
By macadam delivered to street department	14,866 79
By grading done for street department	23,989 00
By miscellaneous earnings of quarry, etc	17,084 98
	$56,948 57

DETAILED STATEMENT OF EXPENDITURES.

Officers' and employees' salaries	$22,708 05	Plumbing and gasfitting	$101 00
Groceries and provisions	3,047 91	Straw	87 13
Fuel	1,409 16	Medical attendance to live stock	56 00
Dry goods, clothing, shoes and shoemaker's findings	3,654 45	Paints, oils and brushes	198 76
Drugs	255 69	Horses and mules	795 00
Meats and fish	8,306 10	Ice	577 47
Bread	9,052 23	Powder and fuse	668 25
Brick, lime and cement	108 00	Engineers' supplies	353 01
Forage	2,961 28	Harness leather and repairs	500 00
House furnishing goods	1,348 24	Vehicles and repairs	809 14
Printing and stationery	44 50	Unpaid bills at beginning of fiscal year	94 38
Hardware and tools, guns and repairs	380 30		$57,666 50
Repairs to buildings and improvements	150 40		

MONTHLY STATEMENT OF RECEIPTS AND EXPENDITURES.

1896.	RECEIPTS.	1896.	EXPENDITURES.
April	$4,794 31	April	$4,615 47
May	3,015 71	May	4,906 20
June	4,397 75	June	4,570 38
July	3,504 75	July	4,540 57
August	5,371 60	August	5,045 03
September	4,365 97	September	4,784 47
October	4,782 40	October	4,574 66
November	4,065 67	November	4,362 68
December	7,177 01	December	4,740 28
1897.		1897.	
January	4,957 26	January	5,198 98
February	6,485 51	February	5,310 90
March	4,030 63	March	4,922 50
		Bills unpaid beg. fisc. yr	94 38
	$56,948 57		$57,666 50

SUMMARY OF WORK DONE DURING THE YEAR.

GRADING.

Cubic yards of earth removed in cutting, filling and shaping streets and alleys	105,900
Cubic yards of earth moved in stripping Work House quarry	9,288

QUARRYING.

Macadam furnished Street Department, squares	5,226.15
Macadam furnished Park Commissioners, squares	8.
Macadam furnished Harbor and Wharf Department, squares	526.
Spawls furnished Harbor and Wharf Department, perches	13,995.
Dike Rock furnished Krauss Street Landing, cu. yds	5,801.
Macadam furnished Krauss Street Landing, squares	574.
Rip-rap furnished Krauss Street Landing, cu. yds	1,182.
Limestone gutter paving Work House premises, cu yds	320.
Building stone, cut stone and rubble masonry, cu. yds	76.77

SEWING.

Making denim shirts for male prisoners	900
Making duck pants for male prisoners	976
Making flannel underware for male prisoners	375
Making dresses for female prisoners	209
Making aprons for female prisoners	100
Making chemise for female prisoners	190
Making bed ticks	320
Making sheets	80
Making pillow slips	200
Making mittens	500

LOCATION OF WORK DONE BY GRADING FORCE.

Compton av., bet. Arsenal and Pestalozzi.
Ohio av., bet. Meramec and Gasconade.
Broadway, bet. Hill and Maeder.
Alleys in City Block No. 1632.
Winnebago st., bet. Virginia and Tennessee avs.
Oregon av., bet Chariton and Meramec.
Alley in City Block 1477.
Alley in City Block 2675.
Alleys in City Block 1478.
Alleys in City Block 1523.
City Property City Block 2708.
Arkansas av., bet. Magnolia av. and Sidney.
Winnebago st., bet. Pennsylvania and Louisiana avs.
City Property in City Block 2708.
Winnebago st., bet. Nebraska and Louisiana avs.
City Property in City Block 1524.
Oregon av., bet. Potomac and Cherokee.
Lemp av. bet. Broadway and Utah.
Alleys in City Block 1533.
Minnesota av., bet. Arsenal and Pestalozzi.
Ohio av., bet. Keokuk and Chippewa.
Winnebago st., east of Jefferson av.
Oregon av., bet. Chariton and Meramec.
Miami st., bet. Compton and Grand avs.
Eiler st., bet Minnesota and Michigan avs.
Oregon av., intersection of Potomac st.
Alleys in City Block 1644.
City Market Place, City Blocks 1523 and 1524.
Osceola st., east of Broadway.
Alley in City Block 2659.
Neosho st., bet. Broadway and Compton.
Osceola st., bet. Texas and Ohio avs.
East and West Alley City Block 2659.

PRISONERS' ACCOUNT.

	Males.	Females.	Total.
Number of prisoners confined April 1st, 1896	349	61	410
Number of prisoners received from April 1st, 1896, to April 1st, 1897	2,691	799	3,490
	3,040	860	3,900
Number of prisoners discharged from April 1st, 1896, to April 1st, 1897	2,694	795	3,489
Number of prisoners confined April 1st, 1897	346	65	411
	3,040	860	3,900

DAILY AVERAGE NUMBER PRISONERS RECEIVED AND DISCHARGED.

	Males.	Females.	Total.
Daily average received	7.03	2.01	9.04
Daily average discharged	7.03	2.01	9.04

NUMBER OF PRISONERS RECEIVED AND DISCHARGED EACH MONTH.

	Received.			Discharged.		
1896.	Males.	Females.	Total.	Males.	Females.	Total.
April	239	61	300	219	57	276
May	228	69	297	230	65	295
June	303	80	383	261	76	337
July	288	71	359	272	79	351
August	225	117	342	250	85	335
September	195	74	269	227	92	319
October	167	47	214	210	58	268
November	252	63	315	207	58	265
December	324	92	416	273	95	368
1897.						
January	129	35	164	196	44	240
February	133	60	193	171	48	219
March	208	30	238	178	38	216
	2,691	799	3,490	2,694	795	3,489

COURTS FROM WHICH PRISONERS WERE COMMITTED.

Received from 1st and 2d District South St. Louis Police Courts	2,756
Received from Court of Criminal Correction	501
Received from Criminal Court	233
	3,490

OFFENSES FOR WHICH PRISONERS WERE COMMITTED.

Violation of the City Ordinances	2,756
Petit larceny	614
Attempted petit larceny	2
Assault and battery	12
Assault to do bodily harm	10
Assault to kill without malice	10
Malicious destruction of property	15
Common assault	12
Abortion	2
Assault without malice	19
Opening letter	1
Grand larceny	3
Slander	1
Contempt of court	6
Carnal knowledge of a female	2
False oath	2
Violating City Ordinances (C. C. C.)	10
Embezzlement less $30	3
Disposing of chattels mortgaged	2
Manslaughter fourth degree	1
Embezzlement	2
Wife abandonment	1
Obtaining less $30 false pretenses	2
Forgery fourth degree	2
	3,490

AGES OF PRISONERS COMMITTED.

	Police Courts.	Crim. and Crim. Cor.	Total.
Under 15 years	2	2	4
From 15 to 20 years	417	205	622
From 20 to 30 years	1,077	330	1,407
From 30 to 40 years	648	120	768
From 40 to 50 years	362	40	402
From 50 to 60 years	185	35	220
From 60 to 70 years	56	2	58
From 70 to 80 years	9	....	9
	2,756	734	3,490

DISPOSITION OF PRISONERS — HOW DISCHARGED.

Expiration of fines and sentences	2,165
Remit of Mayor	300
Remit of Mayor on part payment of fines	107
Remit of Mayor on stay of good behavior	750
Remit of Mayor on stay to leave city	40
Escaped from institution	19
Escaped from hospital	6
Died at institution	1
Died at hospital	5
Pardoned by Gov. Stone	11
Costs of prosecution stayed by court	73
Sentences commuted	12
	3,489

NATIVITY OF PRISONERS COMMITTED.

	Police Courts.		Crim. & Crim. Corr.		
	Male.	Female.	Male.	Female.	Total.
United States, white	1,102	189	365	10	1,666
United States, colored	535	390	225	48	1,198
Germany	134	3	26	4	167
Ireland	165	111	25	4	305
England	34	31	9	1	75
France	2	2	3	..	7
Scotland	7	3	1	..	11
Bohemia	2	..	1	..	3
Finland	1	..	..	..	1
Canada	9	1	3	1	14
Switzerland	4	..	2	..	6
Russia	3	..	3	..	6
Austria	5	1	1	..	7
Sweden	4	..	..	..	4
Norway	1	..	..	..	1
Denmark	4	..	..	..	4
Mexico	3	..	..	..	3
Syria	2	..	..	..	2
Hungaria	1	..	..	..	1
Italy	4	..	2	..	6
Greece	1	..	..	..	1
Poland	2	..	..	..	2
	2,025	731	666	68	3,490

HOW PRISONERS WERE EMPLOYED.

	Males.
Number of days in quarry	75,800
Number of days at grading	20,049
Number of days in yard	5,328
Number of days in stable	2,562
Number of days in prison kitchen	2,562
Number of days in garden	2,575
Number of days in blacksmith shop	2,000
Number of days in carpenter shop	1,300
Number of days in repairing shop	576
Number of days at whitening	1,300
Number of days lost by sickness	3,788
	117,840

	Females.
Number of days in sewing room	8,000
Number of days in laundry	2,504
Number of days in officer's kitchen	2,210
Number of days in hall and house	2,319
Number of days at scrubbing, etc	7,000
Number of days lost by sickness	804
	22,837

HOW THE LIVE STOCK WAS EMPLOYED.

Number of days at grading	5,413
Number of days in quarry	2,200
Number of days in garden	709
	8,322

GROCERIES AND PROVISIONS FURNISHED PRISONERS' MESS.

Beef, lbs	242,648	Beans, bbls	36
Bread, lbs	336,187	Salt, bbls	60
Corn bread, lbs	21,900	Molasses, bbls	34
Coffee	3,600	Rice, bbls	8
Coffee essence, gross	30	Vinegar, bbls	4
Peas, bbls	35	Potatoes	26, 000

ANNUAL REPORT

OF THE

Board of Managers of the House of Refuge.

St. Louis, April 13th, 1897.

Hon. Henry Ziegenhein, Mayor of the City of St. Louis:

Dear Sir—I have the honor respectfully to submit herewith the annual report of the Superintendent of the House of Refuge for the fiscal year ending the 13th day of April, 1897.

In behalf of the Board of Managers I beg to report that it has been our aim at all times to conduct the institution as far as possible as an industrial school or home. The innovation adopted a year ago of employing a number of lady teachers has proven itself to be a great aid in accomplishing this object, and an inestimable factor in the mental, manual and moral training of the children. During the last half of the year just closed we have revived the printing office, which has been closed for a number of years, and have succeeded in issuing a monthly newspaper under the title of the *Refuge News*. Only such boys who show exceptional proficiency in their school studies are permitted to assist in the printing office. Unfortunately the office is furnished with a very limited amount of type and other articles which belong to a printing office, and we would recommend that several hundred dollars be allowed for the purchase of such material as will enable us to increase the efficiency of this department. Both the shoe shop and the tailoring shop continue to show satisfactory results, manufacturing all of the shoes and clothing required for the inmates. The machinery and tools used in the shoe shop are not sufficient nor of sufficient variety to produce the best results, and we would recommend the purchase of a rounding machine and a stock of lasts and dies. The institution is poorly provided with bedding and clothing, and we would recommend that larger apppropriations be secured for the purchase of what is needed; the appropriations allowed heretofore have not been sufficient for this purpose.

Until a few months ago it has been the custom to employ only girls in the laundry, but having only a few girls old enough or strong enough to do such work, we have tried the expedient of employing boys for this work, thus teaching them the handling of laundry machinery, and we are pleased to say with the most gratifying results. There is great need for a filtering apparatus in this department, as it is almost impossible to do satisfactory work with the muddy river water, and we would recommend that a water filter be purchased to overcome this defect.

The boys' manual training school is now in splendid running order, and very satisfactory progress is being made therein, considering the short time since its establishment. Under the able direction of the manager in charge of this department we expect to show some good results in teaching the boys the handling of machinery and tools. Several additional pieces of machinery are needed to complete the equipment of this school, and we would recommend that an appropriation of at least three thousand dollars be secured for this department.

The girls' industrial training school, the equipment of which has only recently been completed, is also in a satisfactory condition, and under competent instructors the girls are rapidly acquiring a knowledge of cooking and other domestic accomplishments. We would respectfully ask that the appropriation for this department be made two thousand dollars.

The dormitories of the institution are being crowded to their utmost capacity, especially so in the girls' building, the entire number of inmates at this time being 335, being an increase of more than fifty since last summer. We have used every endeavor to indenture as many of the children as possible, exercising due care in finding good homes for them.

We desire especially to call your attention to a matter which is a serious hindrance to the management; we refer to several of the inmates, all small and helpless children, who ought to be provided for in some other institution where they could obtain the necessary medical care. These children are afflicted mentally, physically and morally, and ought to be provided for either in a home for incurables or in an asylum for the mentally deranged. They are a burden to the officers, who are not in a position to render these children the attention they require. The city should provide some other means of caring for these helpless children.

We would also call your attention to the necessity of providing the "small boys' building" with much needed baths and closets,— the arrangements now in use being entirely inadequate and primitive, and a discredit to the city. A special appropriation ought to be secured for the needed plumbing for this building.

All of the cooking ranges in the several kitchens ought to be supplanted by new and modern ranges, and separate hot water heating apparatus; those now in use are old and worn out, and it would cost more to repair them than to purchase new ones.

The bathing pools in the large boys' and the girls' buildings could, at an expense of only a few hundred dollars, be equipped with shower-bath attachments, and we would urgently recommend that an appropriation be secured for this purpose.

The hot-house and fences were almost totally demolished by the great tornado of last May. We are pleased to report that these have been restored, largely with the assistance of the inmates. The "farm" under the able direction of a practical gardener, assisted by a number of the boys, is now in a flourishing condition, and promises to furnish the institution with all the vegetables which may be required this coming year.

On account of the lack of facilities the separation of the good from the vicious children can be accomplished only to a very limited extent. In what is designated as the "small boys' building" are kept such of the boys as are known to be good children; with this one exception we are not able to separate them into their respective classes. Unless new buildings are provided it will be an utter impossibility to separate the good from the vicious. We most sincerely hope that the institution may be moved into the suburbs, at an early date, where proper buildings can be erected for the care of the children. If this could be done, and the so-called "Cottage System" be inaugurated, which is the system approved after the most careful study by those interested in reform schools for children, we feel sure that the results would be most gratifying. Indeed, it is very hard to accomplish anything whatever of moral reform under the conditions which now exist, for the good and bad are crowded together, and the little ones suffer every chance for contamination from those old and hardened in crime; besides the fact that it is impossible to make a cheery, wholesome home for children in the unsanitary, poorly ventilated, rotting, and most badly planned buildings, such as two of ours are. The girls' building is fairly good, but the others are a disgrace to the city, and no matter how good the management may be, or the system of instruction, we can never have a creditable institution until we are better housed. We urge removal to the suburbs and the erection of cottages, which will accommodate about forty inmates each, a school building, chapel, and also a building for the shops in which the trades can be taught. With these placed upon a farm, so that there may be no need of prison-like bars, but an opportunity afforded for teaching the boys to grow their own vegetables, etc., we claim that we can have an ideal reform school. We shall be very glad to give plans in detail, or in any way to assist in bringing about this much desired end, for we feel most deeply the fact that there must be a change before we can make the institution what it ought to be.

Respectfully submitted,

GEO. C. OETERS,
Secretary of the Board of Managers of the House of Refuge.

REPORT OF THE SUPERINTENDENT OF THE HOUSE OF REFUGE.

To Hon. Board of Managers of St. Louis House of Refuge:

Ladies and Gentlemen — I have the honor to present herewith report for year ending April 1, 1897.

TABLE 1.

Number in Institution April 1st, 1896:—			
White boys	150		
Colored boys	31	181	
White girls	54		
Colored girls	22	76	257
Number received during year ending April 1st, 1897:—			
White boys	195		
Colored boys	55	250	
White girls	46		
Colored girls	10	56	306
Number discharged during year ending April 1st, 1897:—			
White boys	141		
Colored boys	30	171	
White girls	41		
Colored girls	20	61	232
Number in Institution April 1st, 1897:—			
White boys	205		
Colored boys	56	261	
White girls	58		
Colored girls	12	70	331
Daily average number in Institution:—			
Boys		233	
Girls		70	
Total			303

TABLE 2.

SHOWING BY WHAT AUTHORITY THOSE RECEIVED WERE COMMITTED.

Mayor of St. Louis	250	Returned by employers	5
Police Justices of St. Louis	9	Returned from School for Mutes	1
Court of Criminal Correction	40		
Criminal Court	1		306

TABLE 3.

SHOWING OFFENSES AND CAUSES FOR WHICH COMMITTED.

Incorrigibility	106	Abandoned	9
Petit larceny	43	Vagrancy	8
Disturbing the peace	6	Assault and battery	1
Trespassing	2		
Destitution	136		306

TABLE 4.

SHOWING NATIVITY OF THOSE COMMITTED.

Missouri (St. Louis, 222)	251	Texas	1
Illinois	20	Minnesota	1
Indiana	3	Kansas	2
Iowa	4	Ohio	
Arkansas	4	Wisconsin	1
Mississippi	2	California	1
Tennessee	3	Russia	3
Louisiana	1	Germany	3
Kentucky	1		
New York	3		306

TABLE 5.

SHOWING PARENTAGE OF THOSE COMMITTED.

American (white)	99	Danish	3
American (colored)	65	English	1
Irish	45	Mexican	1
German	73	Russian	1
French	6	Polish	1
Scotch	4	Bohemian	1
Italian	5		
Swedish	1		306

TABLE 6.

SHOWING AGES OF THOSE COMMITTED.

3 years of age	12	10 years of age	34
4 " "	12	11 " "	37
5 " "	6	12 " "	35
6 " "	26	13 " "	34
7 " "	17	14 " "	31
8 " "	12	15 " "	33
9 " "	17		
			306

TABLE 7.

SHOWING DISPOSITION MADE OF THOSE DISCHARGED.

Delivered to parents	151	Sent to school for mutes	1
Delivered to friends	17	Transferred to city jail	1
Indentured	41	Escaped	5
Released for good conduct	12		
Sent to hospital	4	Total	232

TABLE 8.

SHOWING PERIOD OF DETENTION OF THOSE DISCHARGED.

One month	35	25 months	4
2 months	8	26 “	2
3 “	10	27 “	2
4 “	12	28 “	3
5 “	1	30 “	7
6 “	18	32 “	4
7 “	11	33 “	1
8 “	9	34 “	2
9 “	6	35 “	1
10 “	9	36 “	3
11 “	4	40 “	4
12 “	13	44 “	3
13 “	3	50 “	2
14 “	9	52 “	1
15 “	2	59 “	1
16 “	3	62 “	2
17 “	6	86 “	1
18 “	8	88 “	1
19 “	3	96 “	1
20 “	3	97 “	1
21 “	4	114 “	1
22 “	3		
23 “	3	Total	232
24 “	2		

Average period of detention, fifteen months.

EXPENDITURES.

Bill unpaid at beginning of fiscal year	$30 00
Salaries of officers and employees	18,538 74
Groceries and provisions	6,215 96
Flour	1,698 75
Meat and fish	4,246 32
Vegetables, potatoes, etc	361 74
Ice	351 05
Fuel	2,077 25
Girls' Industrial Training School	939 20
Drugs, medicines, etc	287 00
Medical attendance	687 00
Dry goods, clothing and bedding	4,762 46
House furnishing goods and furniture, soap, etc	2,514 80
Boys' Manual Training School	1,488 97
Forage	338 47
Shoeing horses, repairing harness, vehicles, etc	158 95
Printing, stationery and school books, etc	918 75
Oils, packing, waste and tools used by engineer	221 19
Material for repairing fences and maintaining grounds	295 69
Christmas and Easter expenses	65 08
Miscellaneous expenses, car tickets, fireworks, etc	54 95
Water closets and plumbing in girls' department	440 00
Wagon	42 00
Labor and materials for repairs of buildings	1,545 14
Repairs of boilers, machinery and steam heating apparatus	391 29
Piano	300 00
Fan and washing machine in laundry	125 00
Total	$49,095 75
Repairs of damage caused by storm (extraordinary)	$1,800 17

BUILDING REPAIRS OF DAMAGE CAUSED BY TORNADO OF MAY 27TH.

OLD HOUSE, OR SMALL BOYS' DEPARTMENT.

An entire new gravel roof and fire walls on the three-story brick, 32x50 feet, new material; 30x32 feet of a two-story brick, shingle roof, new material; rebuilt and shingled, 30½ squares of shed and porch; shingle roof on store room 14x30 feet; rebuilt coal shed 12x20 feet; rebuilt 500 feet of front yard fence, 10 feet high, boarded on both sides and roofed; rebuilt 2 brick gables of the building fronting on Osage street, 5,112 brick used; removed rubbish and rebuilt 8x750 feet of fence on Osage street; rebuilt 8 chimneys 5 feet high, with from 2 to 5 flues each.

526 lineal feet 15 in. Com. guttering placed.
200 lineal feet 15 in. O. G. guttering.
51 lineal feet 12 in. Com. guttering.
218½ lineal feet 4 in. down spouting.
98 lineal feet 3 in. down spouting.
273 yards of plastering.
Put up 1728x8 feet farm fence on south side.

GIRLS' HOUSE.

Rebuilt 800 feet of brick wall on Osage street side of yard; 10,656 bricks used.

Removed brick from fallen wall 12x96 feet of yard, 25,344 brick.

Rebuilt large double steps leading up to back door of building.

Repaired porch.

MAIN BUILDING, OR BOYS' HOUSE.

Rebuilt 20x32 feet of yard fence.
Reshingled water closet 31x60 feet.
Replaced 20 rafters in main building.
Rebuilt 6 chimneys, 4 to 6 feet high, 4 flues each.
Put on 280 squares of slating.
453 lineal feet of 15 in. Com. guttering.
381 lineal feet of 20 in. O. G. guttering.
35 lineal feet of 12 in. watertable.
105 lineal feet of 4 in. downspouting.
129 lineal feet of 5 in. downspouting.
113 lineal feet of 3 in. downspouting.
194¾ yards plastering.

SUPERINTENDENT'S HOUSE.

20 rafters replaced.
New shingled roof.
87 lineal feet 4 in. downspouting.
20 lineal feet 2 in. downspouting.
27 yards plastering.
273 lights of glass put in all the buildings.

NEW WORK.

Dug ditch through farm to city sewer for drainage; built hot house 22 feet wide, 72 feet long; built an extension to it for a boiler house 29 feet long. Moved gates; laid about 1,600 feet of steam water and sewer pipe; put down 1,600 square feet of granitoid paving in boys' yard.

WORK DONE IN THE DIFFERENT DEPARTMENTS.

LAUNDRY.

Washed	114,000 pieces
Ironed	81,600 “
Soft soap made	900 gallons

SHOE SHOP.

New shoes made	1,770 pairs
Shoes repaired	924 “

TAILOR SHOP.

Long jeans pants made	512 pairs	Long summer pants made	278 pairs
Knee “ “ “	90 “	Short “ “ “	131 “
Total			1,011 pairs

Jeans coats made	426	Towels made	704
Vests “	396	Aprons “	144
Waists “	96	Suspenders “	58
Working shirts “	654	Bed spreads “	164
White “ “	104	Pillow slips “	150
Caps “ “	400		

BAKERY.

Bread made, loaves	27,148
Rolls	24,720
Ginger cakes	63,340
Coffee cakes	1,150
Pies	3,682

SEWING ROOM GIRLS' DEPARTMENT.

Dresses, large, made	52	Napkins made	62
Dresses, small, made	30	Sheets made	256
Drawers made	92	Pillow cases made	200
Aprons made	32	Pillow ticks made	150
Shirts made	32	Towels, roller, made	24
Waists made	4	Bureau scarfs made	6
Towels made	230	Bed ticks made	84
Uniforms made	36	Curtains made	40
Dresses mended	66		

The schools are in excellent condition. The pupils are advancing rapidly, promotions being frequent, and nearly all show evidence of taking a deep interest in their studies.

The Boys' Manual Training School and Girls' Industrial Training School are in a flourishing condition, and give promise of great results in their line, having demonstrated this beyond a doubt by what they have already accomplished.

Approved:
June 10, 1897.

GEO. C. OETERS,
Sec'y of the Board.

ANNUAL REPORT

OF THE

Assessor and Collector of Water Rates,

For the Fiscal Year ending April 12, 1897.

OFFICE OF ASSESSOR AND COLLECTOR OF WATER RATES,
ST. LOUIS, April 16th, 1897.

Hon. Henry Ziegenhein, Mayor of St. Louis:

SIR — In compliance with ordinance, I have the honor to submit for the information of the Executive and Legislative Departments the following report on the operations of this office for the fiscal year ending April 12th, 1897.

The accompanying tables will furnish the following statistics for the year, viz.: —

Table No. 1.— Receipts for the past year.
Table No. 2.— Receipts of the previous year.
Table No. 3.— Comparative statement of the sources of revenue for the fiscal years 1895–1896 and 1896–1897.
Table No. 4.— Number and size of meters now in use and placed during the year, the uses for which water is supplied by meter and number of hydraulic elevators.
Table No. 5.— A comparative statement of meters and elevators in use and the revenue derived therefrom.
Table No. 6.— Number and size of taps granted during the year and the amount received therefor.
Table No. 7.— Daily collections from all sources.
Table No. 8.— Yearly and total revenue derived from the water works since date of introduction.
Table No. 9.— Collections by calendar year.
Table No. 10.— Revenue collected each year since 1870, and the per cent of cost collecting same.
Table No. 11.— Public institutions supplied with water free of charge.
Table No. 12.— Average daily consumption.

It is gratifying to be able to state that the aggregate of collections shows an increase above that of the prior year of $25,222.75, viz.: Total collections for 1895–6, $1,310,412.45, and for 1896–7, $1,335,635.20.

The commercial and industrial conditions which stand inevitably connected with the use and consumption of water in a large city were not satisfactory during the past year, but that there is a gradual improvement is indicated by the increase noted; also, by the more significant fact that in the revenue derived from measured water there was an increase of $28,783.00. Of course it is understood that the main portion of metered water is used in connection with industrial enterprises.

The receipts for building permits and new connections show a falling off of about thirty per cent, but there is an increase of nearly $8,000.00 on general licenses, which embraces the domestic use of water, the figures being: General licenses for 1895–6, $748,863.25, and for 1896–7, $756,478.75.

The tornado which visited the southern part of the city May 27th, 1896, affected the revenue of the department by causing in many cases a refunding of amounts paid on licenses and also the non-renewal of licenses through delays in rebuilding and other causes.

Altogether, in view of the conditions which existed during the year, the general result is satisfactory, for it shows an increase in the total collections and in the use of measured water, which clearly illustrates the continued growth of the city and a revival in manufactures.

The expense of collections was less than during the prior year, and calculated by percentage it is shown in subjoined Table No. 10 that during the last six years it has averaged four and a half per cent, and for the year now closed it was four and two-tenths per cent.

In reference to the question of increasing the revenue of this department I have no distinct recommendations to submit at present. The conditions of business are not favorable for considering any increase in rates and all that can be done to offset the large additional improvements and expenditures the city has authorized in connection with the water supply system is to extend, so far as possible, the domestic consumption and to offer every facility for increasing the number of meters.

Just as soon as business and manufacturing activity is resumed we are assured of an increase in receipts, and on this fact and the growth of the city we can rely for development in the future. So far as collections are concerned, every effort will be made to insure prompt and complete returns.

During the past year the question of the sale of water to our suburban population has been brought up for consideration and, whilst its feasibility and legality must be determined by the Municipal Assembly, it is sufficient here to say, that could a practical system be established to govern the matter there is no doubt a substantial revenue might be derived from this source. With the development of electric street car lines in the suburbs there has been a very large increase in population in districts outside but contiguous to the city limits and an increasing demand exists for regular water connections.

Respectfully,

LOUIS GRUND,
Assessor and Collector of Water Rates.

TABLE NO. 1.

RECEIPTS FOR THE FISCAL YEAR ENDING APRIL 12TH, 1897.

DATE.	Licenses.	Permits and Taps.	Miscellaneous Accounts.	Total.
1896.				
April 14-30	$ 30,408 50	$497 70	$ 22 35	$ 30,928 55
May	129,985 50	836 60	131 60	130,953 70
June	115,794 00	563 45	200 85	116,558 30
July	89,591 50	798 25	36 70	90,426 45
August	76,859 50	740 60	21 25	77,621 35
September	85,399 00	786 90	18 50	86,204 40
October	170,661 25	971 60	207 85	171,840 70
November	138,310 50	851 95	174 20	139,336 65
December	135,748 00	1,165 30	236 90	137,150 20
1897.				
January	77,437 50	335 95	11 00	77,784 45
February	68,138 50	448 45	6 00	68,592 95
March	88,066 50	541 25	3 75	88,611 50
April 1-12	119,223 50	225 80	176 70	119,626 00
	$1,325,623 75	$8,763 80	$1,247 65	$1,335,635 20

TABLE NO. 2.

RECEIPTS FOR THE FISCAL YEAR ENDING APRIL 13TH, 1896.

DATE.	Licenses.	Permits and Taps.	Miscellaneous Accounts.	Total.
1895.				
April 9-30	$ 37,596 50	$ 999 50	$ 49 00	$ 38,645 00
May	124,394 25	1,487 50	187 95	126,069 70
June	110,521 50	1,020 55	347 30	111,889 35
July	88,068 50	1,090 70	10 35	89,169 55
August	67,593 50	1,032 75	1 95	68,628 20
September	81,877 50	994 75	11 50	82,883 75
October	169,687 00	1,132 25	353 35	171,172 60
November	128,397 50	866 05	161 90	129,425 45
December	126,059 00	465 35	302 95	126,827 30
1896.				
January	76,785 50	483 65	18 25	77,287 40
February	65,590 00	761 10	6 50	66,357 60
March	102,077 00	961 25	9 00	103,047 25
April 1-13	118,514 00	328 45	166 85	119,009 30
	$1,297,161 75	$11,623 85	$1,626 85	$1,310,412 45

TABLE NO. 3.

COMPARATIVE STATEMENT OF THE SOURCES OF REVENUE FOR THE FISCAL YEARS 1895-1896, AND 1896-1897.

	1895-1896.	1896-1897.
General Licenses	$748,863 25	$756,478 75
Meters and Elevators	500,443 00	529,226 00
Private Sprinkling	28,032 00	28,132 50
Building Purposes	17,950 00	11,122 50
Meter Repairs and Miscellaneous Accounts	1,626 85	1,247 65
Permits and Taps	11 623 85	8,763 80
Filling Cisterns	1,873 50	664 00
	$1,310,412 45	$1,335,635 20

TABLE NO. 4.

METERS.

There are now attached to service pipes four thousand one hundred and ninety-eight meters of the following sizes:—

DATE.	SIZE.									TOTAL.
	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	
Up to April 13, 1896	265	1,733	509	826	280	249	127	94	9	4,092
During the past year	15	69	55	50	10	26	4	7	2	238
Total	280	1,802	564	876	290	275	131	101	11	4,330
Discontinued	20	48	16	27	8	10	3	.....	.....	132
Total in use	260	1,754	548	849	282	265	128	101	11	4,198

	SIZE.									TOTAL.
	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	
Property of City	77	37	80	239	69	84	47	45	7	685
Property of consumer	183	1,717	468	610	213	181	81	56	4	3,513
Total	260	1,754	548	849	282	265	128	101	11	4,198

DIFFERENT KINDS OF METERS IN USE.

	SIZE.									TOTAL.
	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	
Worthington	......	1,238	210	585	236	194	86	48	5	2,602
Hersey	.....	345	133	91	29	29	7	11	.....	645
Crown	236	.....	135	110	7	26	18	25	3	560
Thomson	7	146	41	21	9	7	11	13	......	255
Miscellaneous	17	25	29	42	1	9	6	4	3	136
Total	260	1,754	548	849	282	265	128	101	11	4,198

The meters now in use are distributed among the various establishments as follows: —

Breweries and malt houses	112
Churches and schools	84
Custom House	6
Fair Grounds	12
Groceries	260
Hotels	44
Merchants' Exchange	2
Manufactories	545
Mills (flour, planing and saw)	65
Offices and stores	370
Pork and slaughter houses	88
Railroads (steam and street)	124
Rolling mills, foundries and machine shops	63
Saloons	318
Stables and stockyards	170
Tenements and private residences	1,580
Theaters	12
Miscellaneous	343
Total	4,198

HYDRAULIC ELEVATORS.

Number in operation April 13, 1896	232
Number erected during the past year	6
Total	238
Discontinued	2
Total number in use	236

TABLE NO. 5.

COMPARATIVE STATEMENT OF METERS AND ELEVATORS IN USE AND THE REVENUE DERIVED THEREFROM.

FISCAL YEAR.	Number of Elevators.	NO. OF METERS.			Amount Collected.
		Property of City.	Property of Consumer.	Total.	
1873-1874	....	....	....	212	....
1874-1875	....	....	....	231	....
1875-1876	....	....	....	245	....
1876-1877	....	....	....	289	....
1877-1878	95	....	....	318	$113,454 08
1878-1879	114	276	87	363	127,616 17
1879-1880	126	299	136	435	142,849 50
1880-1881	139	318	255	573	180,904 35
1881-1882	154	437	468	905	222,397 00
1882-1883	164	563	665	1228	244,119 77
1883-1884	161	681	841	1522	247,489 81
1884-1885	163	709	1102	1811	246,344 50
1885-1886	177	723	1420	2143	273,175 50
1886-1887	201	727	1649	2376	322,846 15
1887-1888	212	745	1917	2662	350,136 50
1888-1889	227	742	2146	2888	369,044 40
1889-1890	237	712	2403	3115	415,999 50
1890-1891	240	724	2675	3399	514,417 00
1891-1892	252	739	2862	3601	539,562 00
1892-1893	253	727	3023	3750	555,850 50
1893-1894	251	712	3138	3850	531,030 50
1894-1895	249	704	3275	3979	521,204 50
1895-1896	232	689	3403	4092	500,443 00
1896-1897	236	685	3513	4198	529,226 00

TABLE NO. 6.

NUMBER AND SIZE OF TAPS FOR WHICH MONEY HAS BEEN RECEIVED.

DATE.		½ in.	⅝ in.	¾ in.	1 in.	1¼ in.	1½ in.	2 in.	Total No. of Taps Each month.	Amount collected each month.
1896	April 14-30	145	6	12	.....	.....	.....	.....	163	$ 497 70
	May	229	22	22	.....	.....	.....	.....	273	836 60
	June	151	20	13	.....	.....	.....	.....	184	563 45
	July	226	23	12	1	.....	.....	.....	262	798 25
	August	198	28	16	.....	.....	.....	.....	242	740 60
	September	223	27	9	.....	.....	.....	.....	259	786 90
	October	286	21	13	.....	.....	.....	.....	320	971 60
	November	236	26	17	.....	.....	.....	.....	279	851 95
	December	320	42	20	.....	.....	.....	.....	382	1,165 30
1897	January	86	12	11	.....	.....	.....	.....	109	335 95
	February	113	22	11	.....	.....	.....	.....	146	448 45
	March	142	25	10	.....	.....	.....	.....	177	541 25
	April 1-12	51	15	7	.....	.....	.....	.....	73	225 80
Total		2406	289	173	1	.	....	....	2869	$8,763 80

TABLE NO. 7.

AMOUNT COLLECTED FOR WATER LICENSES, PLUMBERS' PERMITS AND MISCELLANEOUS ACCOUNTS, FROM APRIL 14TH, 1896, TO APRIL 12TH, 1897.

Date.	April, '96.	May.	June.	July.	August.	Sept.	October.	November.	December.	Jan., 1897	Feb.	March.	April.	Total Collected on Same Date of Each Month.
1	....	$4,539 65	$2,349 50	$2,906 45	$2,602 00	$3,867 30	$3,825 50	....	$3,567 70	....	$2,441 00	$2,828 00	$9,420 10	$38,347 20
2	....	4,419 30	3,706 15	4,127 15	....	4,124 65	4,150 40	$2,451 90	4,028 15	$2,214 00	3,880 15	4,602 50	7,208 00	44,912 35
3	....	....	5,451 55	5,035 00	5,057 50	4,959 80	6,073 75	....	5,027 95	....	4,347 10	4,154 50	8,472 10	48,579 25
4	....	5,567 00	5,065 05	....	5,837 45	5,578 50	....	7,513 15	7,026 60	4,101 15	3,862 00	4,473 00	....	49,023 90
5	....	12,455 80	7,090 25	....	5,908 50	6,993 00	6,971 65	9,044 40	8,894 00	7,177 30	4,271 00	5,501 00	8,606 70	82,913 60
6	....	21,164 95	11,715 80	13,046 05	6,925 50	....	23,826 50	15,423 55	....	7,796 65	5,619 80	11,116 50	....	116,635 30
7	....	13,624 80	....	10,493 65	4,732 00	....	20,085 80	17,829 20	10,623 65	8,855 00	....	....	15,802 20	102,046 30
8	....	8,479 80	9,837 55	4,329 20	2,901 80	8,390 30	....	....	13,235 10	4,623 00	5,899 50	5,929 65	10.677 80	74,303 70
9	....	5,353 60	7,580 20	3,409 95	....	8,077 15	12,760 10	9,021 65	6,033 30	2,550 00	3,748 30	6,783 00	12,042 30	77,359 55
10	....	....	8,554 35	3,360 15	3,077 80	4,743 80	5,654 50	11,319 25	12,600 45	....	4,451 00	3,871 45	20,847 30	78,480 05
11	....	3,259 90	4,817 25	3,375 80	3,711 45	3,323 15	....	9,428 10	12,283 60	2,331 50	2,624 30	3,238 50	....	48,393 55
12	....	5,077 35	2,672 40	....	1,992 50	1,568 10	5,481 35	2,790 90	3,294 55	3,843 90	1,572 50	2,876 80	26,549 50	57,719 85
13	....	2,280 15	3,116 85	2,463 40	6,543 50	....	17,289 15	3,077 15	....	1,823 65	1,636 00	2,355 80	....	40,585 65
14	$3,351 50	3,300 30	....	3,485 80	2,078 80	3,420 15	3,751 30	4,077 50	2,953 25	2,247 30	....	....	....	28,665 90
15	2,452 65	10,671 70	4,804 35	2,505 95	2,217 00	3,157 65	3,764 90	....	7,081 05	8,259 45	1,688 10	3,150 75	....	49,753 55
16	2,447 00	8,144 40	3,433 65	1,437 10	....	2,437 65	9,838 60	6,516 75	3,992 90	3,229 65	1,439 80	3,166 45	....	46,083 95
17	2,399 65	....	2,889 00	2,729 80	2,330 65	2,159 50	5,287 65	3,410 10	2,031 90	....	2,199 50	3,362 65	....	28,800 40
18	1,341 15	3,421 65	3,667 00	8,041 50	1,554 65	1,909 50	....	5,673 80	2,119 15	1,820 15	1,301 15	2,010 15	....	32,859 85
19	....	2,526 95	6,117 50	....	2,083 65	1,874 75	10,210 40	2,758 55	6,956 10	1,924 95	2,427 80	1,010 30	....	37,890 95
20	1 609 15	3,721 30	4,829 25	706 00	2,006 15	....	3,569 70	6,952 00	....	2,133 50	1,613 30	1,003 15	....	28,143 50
21	3,085 00	2,401 90	....	2,554 65	1,612 30	1,638 45	2,909 20	3,189 65	5,266 65	1,615 00	....	....	....	24,272 80
22	1,602 15	2,022 80	1,554 15	623 80	1,318 00	2,881 80	7,546 90	....	4,154 20	1,291 65	....	1,911 50	....	24,906 95
23	2,111 45	1,216 15	2,433 00	1,134 00	....	2,119 50	1,495 80	3,077 15	2,492 30	2,889 50	1,321 45	1,867 15	....	22,157 45
24	2,178 15	....	1,630 20	977 50	1,875 40	1,192 45	3,199 30	3,253 70	2,344 85	....	1,679 80	1,547 50	....	19,878 85
25	1,490 15	1,255 00	2,698 50	1,086 15	2,105 90	1,916 00	....	2,254 35	....	630 65	3,623 50	2,089 80	....	19,150 00
26	....	1,389 80	2,253 50	....	1,771 65	1,249 30	1,098 65	....	689 65	1,429 50	4,264 80	1,445 30	....	15,592 15
27	1,399 50	2,178 30	2,385 50	826 45	1,635 25	....	2,452 15	1,501 40	....	1,519 50	2,681 10	1,328 60	....	17,907 75
28	1,652 50	1,801 15	....	1,413 50	2,080 00	1,162 45	2,357 50	4,251 80	1,812 00	873 00	....	....	....	17,403 90
29	1,875 80	680 00	3,264 50	4,990 65	1,772 80	2,187 50	1,336 80	....	3,699 50	1,058 50	....	1,778 85	....	22,644 90
30	1,932 75	....	2,641 30	2,964 65	....	5,272 00	5,099 50	4,520 65	2,565 90	1,546 00	....	2,552 65	....	29,095 40
31	....	....	....	2,402 15	1,889 15	....	1,803 65	....	2,375 75	....	....	2,656 00	....	11,126 70
	$30,928 55	$130,953 70	$116,558 30	$90,226 45	$77,621 35	$86,204 40	$171,840 70	$139,336 65	$137,150 30	$77,784 45	$68,592 95	$88,611 50	$119,626 09	$1,335,635 20

TABLE NO. 8.

YEARLY REVENUE DERIVED FROM THE WATER WORKS, FROM ITS FIRST INTRODUCTION INTO THE CITY.

DATE.		Annual Collections.	Increase	Decrease.
FROM	TO			
Total receipts up to	May 14, 1835	$ 23,453 51		
May 14, 1835	April 1836	4,588 73		
April, 1836	" 1837	5,338 21	$ 749 48	
" 1837	" 1838	8,372 13	3,033 92	
" 1838	" 1839	12,694 11	4,321 98	
" 1839	" 1840	20,517 25	7,823 14	
" 1840	" 1841	20,672 16	154 91	
" 1841	" 1842	14,954 31		$5,717 85
" 1842	" 1843	12,507 81		2,446 50
" 1843	" 1844	13,402 10	894 29	
" 1844	" 1845	14,518 69	1,116 59	
" 1845	" 1846	15,442 47	923 78	
" 1846	" 1847	17,858 70	2,416 23	
" 1847	" 1848	25,538 48	7,679 78	
" 1848	" 1849	21,967 92		3,570 56
" 1849	" 1850	19,560 00		2,407 92
" 1850	" 1851	30,943 78	11,383 78	
" 1851	" 1852	30,824 85		118 93
" 1852	" 1853	36,995 38	6,170 53	
" 1853	" 1854	49,865 04	12,869 66	
" 1854	" 1855	51,735 29	1,870 25	
" 1855	" 1856	70,380 47	18,645 18	
" 1856	" 1857	68,597 20		1,783 27
" 1857	" 1858	84,021 96	15,424 76	
" 1858	" 1859	87,352 20	3,330 24	
" 1859	" 1860	99,501 88	12,149 68	
" 1860	" 1861	114,760 35	15,258 47	
" 1861	" 1862	123,690 25	8,929 90	
" 1862	" 1863	147,120 95	23,430 70	
" 1863	" 1864	170,313 30	23,192 35	
" 1864	" 1865	208,340 90	38,027 60	
" 1865	" 1866	248,268 33	39,927 43	
" 1866	May 1, 1867	248,575 30	306 97	
May 1, 1867	" 1, 1868	288,910 07	40,334 77	
" 1, 1868	" 1, 1869	321,412 50	32,502 43	
" 1, 1869	" 1, 1870	323,102 00	1,689 50	
" 1, 1870	" 1, 1871	335,626 91	12,524 91	
" 1, 1871	" 1, 1872	373,194 60	37,567 69	
" 1, 1872	" 1, 1873	426,922 59	53,727 99	
" 1, 1873	" 1, 1874	444,622 35	17,699 76	
" 1, 1874	" 1, 1875	414,870 44		29,751 91
" 1, 1875	" 1, 1876	456,163 39	41,292 95	
" 1, 1876	April 9, 1877	445,041 14		11,122 25
April 10, 1877	" 8, 1878	512,053 19	67,012 05	
" 9, 1878	" 7, 1879	550,140 60	38,087 41	
" 8, 1879	" 12, 1880	620,280 30	70,139 70	
" 13, 1880	" 11, 1881	660,024 75	39,744 45	
" 12, 1881	" 10, 1882	706,145 65	46,120 90	
" 11, 1882	" 9, 1883	719,686 37	13,540 72	
" 10, 1883	" 7, 1884	736,694 26	17,007 89	
" 8, 1884	" 13, 1885	759,265 53	22,571 27	
" 14, 1885	" 12, 1886	800,325 70	41,060 17	
" 13, 1886	" 11, 1887	868,043 25	67,717 55	
" 12, 1887	" 9, 1888	919,975 18	51,931 93	
" 10, 1888	" 8, 1889	952,689 25	32,714 07	
" 9, 1889	" 7, 1890	1,017,016 20	64,326 95	
" 8, 1890	" 13, 1891	1,132,088 40	115,072 20	
" 14, 1891	" 11, 1892	1,173,998 30	41,909 90	
" 12, 1892	" 10, 1893	1,235,933 30	61,935 00	
" 11, 1893	" 9, 1894	1,250,935 25	15,001 95	
" 10, 1894	" 8, 1895	1,264,253 60	13,318 35	
" 9, 1895	" 13, 1896	1,310,412 45	46,158 85	
" 14, 1896	" 12, 1897	1,335,635 20	25,222 75	
Total Revenue of Water Works		$24,478,136 73		

TABLE NO. 9.

COLLECTIONS BY CALENDAR YEARS, BEGINNING JANUARY 1ST, 1876.

CALENDAR YEAR.	AMOUNT COLLECTED.	INCREASE.
1876	$472,227 59	....
1877	499,012 02	$26,784 43
1878	522,018 26	23,006 24
1879	593,067 06	71,048 80
1880	653,167 14	60,100 08
1881	693,968 26	40,801 12
1882	716,072 37	22,104 11
1883	745,722 41	29,650 04
1884	755,345 00	9,623 19
1885	803,414 04	48,068 44
1886	850,415 70	47,001 66
1887	924,003 07	73,587 37
1888	936,130 55	12,127 48
1889	978,670 15	42,539 60
1890	1,081,193 60	102,523 45
1891	1,170,159 50	88,965 90
1892	1,233,477 35	63,317 85
1893	1,247,523 05	14,045 70
1894	1,266,395 65	18,872 55
1895	1,280,782 00	14,386 35
1896	1,346,721 85	65,939 85

TABLE NO 10.

AMOUNT OF REVENUE COLLECTED EACH YEAR SINCE 1870, AND THE PER CENT OF COST OF COLLECTING THE SAME.

DATE		COLLECTIONS	EXPENSES	PER CENT.
FROM	TO			
May 1, 1870	May 1, 1871	$ 353,626 91	$26,063 13	7.7
" 1, 1871	" 1, 1872	373,194 60	29,763 03	7.9
" 1, 1872	" 1, 1873	426,922 59	34,690 78	8.1
" 1, 1873	" 1, 1874	444,622 35	30,732 73	6.9
" 1, 1874	" 1, 1875	414,870 44	34,644 73	8.3
" 1, 1875	" 1, 1876	456,163 39	42,432 16	9.3
" 1, 1876	April 9, 1877	445,041 13	45,358 12	10.1
April 10, 1877	Oct. 6, 1877	263,000 98	23,659 92	9.
Oct. 8, 1877	April 8, 1878	249,052 21	14,094 76	5.6
April 9, 1878	" 7, 1879	550,140 60	29,445 15	5.3
" 8, 1879	" 12, 1880	620,280 30	34,499 43	5.5
" 13, 1880	" 11, 1881	660,024 75	36,495 21	5.5
" 12, 1881	" 10, 1882	706,145 65	36,823 21	5.2
" 11, 1882	" 9, 1883	719,686 37	36,977 50	5.1
" 10, 1883	" 7, 1884	736,694 26	41,917 95	5.6
" 8, 1884	" 13, 1885	759,265 53	42,426 84	5.5
" 14, 1885	" 12, 1886	800,325 70	42,578 33	5.3
" 13, 1886	" 11, 1887	868,043 25	50,505 66	5.8
" 12, 1887	" 9, 1888	919,975 18	51,985 06	5.6
" 10, 1888	" 8, 1889	952,689 25	51,024 06	5.3
" 9, 1889	" 7, 1890	1,017,016 20	50,944 21	5.
" 8, 1890	" 13, 1891	1,132,088 40	51,626 54	4.5
" 14, 1891	" 11, 1892	1,173,998 30	51,933 60	4.4
" 12, 1892	" 10, 1893	1,235,933 30	53,867 64	4.3
" 11, 1893	" 9, 1894	1,250,935 25	57,504 69	4.5
" 10, 1894	" 8, 1895	1,264,253 60	57,576 77	4.5
" 9, 1895	" 13, 1896	1,310,412 45	57,436 80	4.3
" 14, 1896	" 12, 1897	1,335,635 20	57,118 75	4.2

TABLE NO. 11.

Water is furnished free for the following public institutions, viz.: —

City Hall,
Court House,
Four Courts,
City Hospital,
Insane Asylum,
Poor House,
Female Hospital,
House of Refuge,
Work House,
Parks,
Fire Engine Houses,
Police Stations,
Markets,
Sanitary Department.

Sub-offices of Water, Street and Harbor Commissioner, Drinking Fountains provided by the Humane Society and special ordinances.

TABLE NO. 12.

AVERAGE DAILY CONSUMPTION OF WATER.

	MONTH.	Average daily consumption in gallons.
1896.	April	49,898,000
	May	53,388,000
	June	51,795,000
	July	58,252,000
	August	65,631,000
	September	57,894,000
	October	51,733,000
	November	46,893,000
	December	44,269,000
1897.	January	46,220,000
	February	45,002,000
	March	41,846,000
	Average daily consumption	51,068,000

ANNUAL REPORT

OF THE

COMMISSIONER OF SUPPLIES,

For the Fiscal Year ending April 13, 1897.

Commissioner of Supplies,
City Hall, St. Louis, April 14th, 1897.

Hon. Henry Ziegenhein, Mayor City of St. Louis:

Dear Sir — In accordance with the requirements of section 47, article 4, of New Charter, I have the honor to submit herewith a tabulated report of the business of the office for the fiscal year ending the 13th instant.

By reference to Table No. 1, it will be seen that 8,541 requisitions were received and filed, and purchases under 8,186 of the above. Vouchers were made out and forwarded to the Auditor. Vouchers for the remainder could not be made out, for the reason either that the invoices have not yet reached this office, or that articles being intended for use during new fiscal year were not properly chargeable in this year's appropriation. The aggregate amount of purchases for fiscal year 1896–97 amounts to ($578,752.97) five hundred and seventy-eight thousand, seven hundred and fifty-two 97/100 dollars. Table No. 2 is an exhibit of the different items of condemned property transferred to this department for sale, the proceeds of which, amounting to eight thousand four hundred and ten 69/100 dollars ($8,410 69/100) have been paid into City Treasury as per receipts on file in this office.

Respectfully submitted,

JAMES RICHARDSON,
Commissioner of Supplies.

TABLE NO. 1.—RECORD OF REQUISITIONS AND PURCHASES.

INSTITUTIONS AND DEPARTMENTS.	No. of Requisitions Received During Fiscal Year 1896-97.	No. of Requisitions for which Vouchers have been certified.	Total Amount of Purchases as per Vouchers certified to Auditor.
Armory	7	7	$179 48
Assessor of Revenue	41	39	1,219 13
Assessor and Collector of Water Rates	28	28	464 07
Auditor	13	13	86 35
Board of Election Commissioners	128	123	8,665 75
Board of Health and Commissioner	140	132	4,677 60
Board of Public Improvements	53	52	929 46
Boiler Inspector	9	9	324 68
City Attorney	1	1	41
City Chemist	73	69	952 85
City Counselor	18	18	300 35
City Dispensary	257	253	6,045 56
Circuit Courts	8	4	190 90
City Hall, new	45	44	2,133 09
City Hall, old	114	113	3,437 24
City Hospital	787	738	68,148 08
Commissioner of Public Buildings	29	29	577 73
Commissioner of Supplies	9	9	2,303 42
Comptroller	40	39	187 74
Coroner	9	9	140 85
Council	13	13	223 86
Court of Criminal Correction	21	20	693 79
Court House	76	73	2,307 65
Electric Light	95	92	711 84
Female Hospital	557	529	28,941 49
Fire Alarm Telegraph	76	72	25,755 53
Fire Department	264	260	69,048 97
Four Courts	62	59	3,233 57
Harbor and Wharf Commissioner	28	28	257 21
Harbor Boat	69	69	3,882 47
House of Refuge	604	590	28,208 08
House of Delegates	51	50	595 62
Insane Asylum	722	695	53,092 17
Inspector of Weights and Measures	11	11	48 62
Jail	343	312	12,453 41
Jury Commissioner	6	4	101 62
Justice Court, 1st District	3	3	83 01
“ “ 2d “	1	1	29 14
“ “ 3d “	9	8	58 69
“ “ 4th “	12	10	165 51
“ “ 5th “	8	6	200 94
“ “ 6th “	6	6	49 59
“ “ 7th “	1	1	28 65
“ “ 8th “	5	2	117 18
“ “ 9th “	9	8	77 42
Market, Soulard	5	5	24 55
“ Union	17	13	155 02
Marshal	7	7	193 37
Mayor	24	24	216 02

Milk Inspector	21	21	$211 88
Morgue	24	24	1,830 44
Park Commissioner	10	10	41 13
" Benton	29	27	271 27
" Carondelet	34	31	1,222 45
" Carr	6	4	84 55
" Forest	195	185	8,313 24
" Fountain	3	2	8 75
" Gamble Place	2	2	6 00
" Gravois	11	11	43 96
" Hyde	19	18	383 86
" Jackson	4	4	16 89
" Laclede	8	7	40 20
" Lyon	10	10	76 66
" O'Fallon	52	47	1,077 67
" St. Louis Place	16	16	320 83
" South St. Louis Square	9	8	34 96
" Washington	2	2	3 00
Plumbing Inspector	7	7	168 37
Police Court, 1st District	2	2	42 18
" " 2nd "	18	17	276 10
" " South St. Louis	7	7	47 20
Poor House	619	602	88,269 28
" " Bakery	112	109	21,713 18
" " Dairy	25	24	1,101 05
Quarantine and Smallpox Hospital	192	179	3,475 73
Recorder of Deeds	14	14	395 17
Register	10	10	251 02
Repair of Dikes and Wharfs	14	14	494 68
Scales, Bridge	5	4	21 35
" City Market	7	5	28 96
" North Levee	2	2	10 90
" Soulard Market	1	1	40
" South Levee	5	5	12 50
" Thorpe	2	2	6 00
Scavenger Dumps, Con. and Rep.	20	20	484 57
" " Sal. and Cur. Exp	19	19	224 18
Sewer Commissioner	55	55	1,114 36
Street Commissioner	428	415	24,290 02
Street Cleaning — Floating Dumps	45	45	876 61
Temporary Wharf	2	2	65 33
Treasurer	8	8	107 61
Water Commissioner	1,055	1,042	55,146 39
Work House	498	447	34,224 75
Total for Fiscal Year 1896–97	8,541	8,186	$578,752 97

TABLE NO. 2.—CONDEMNED PROPERTY SOLD.

Assessor of Revenue	Desks	$4 20
“ Collector of Water Rates	Horse	20 00
Board of Health and Com. Law Div	Barrels	5 25
“ “ Public Improvements	Old House, etc	23 45
Boiler Inspector	Horse	11 00
Commissioner of Public Buildings	Old House, etc	52 20
Coroner	Furniture	4 00
Election Commissioners	Stoves, etc	110 25
Female Hospital	Iron, etc	60 89
Fire Department	Horses, etc	2,627 64
Fire and Police Telegraph	Wire, etc	52 00
Harbor and Wharf Commissioner	Rope, etc	38 32
House of Refuge	Barrels, etc	26 15
Insane Asylum	Horse, etc	92 51
Marshal	Buggy	12 65
Park Commissioner	Horse	19 00
Poor House	Copper, etc	168 30
“ “ Bakery	Barrels	662 71
Register	Typewriter	11 50
Street Commissioner	Iron, etc	1,326 62
Sewer “	Iron, etc	48 77
Water “		3,033 28
		$8,410 69

City of St. Louis
Health Department

TWENTIETH

ANNUAL REPORT

—OF THE—

HEALTH COMMISSIONER

—FOR THE YEAR ENDING—

MARCH 31ST, 1897.

(XXIXth Annual Report of the Department.)

MAX C. STARKLOFF, M. D.,
HEALTH COMMISSIONER.

BY THE DEPARTMENT.

PRESS OF
NIXON-JONES PRINTING CO.
1898.

BOARD OF HEALTH.

HON. CYRUS P. WALBRIDGE,
Mayor and ex-officio President.

HON. CHARLES NAGEL,
President of the City Council.

MAX C. STARKLOFF, M. D.,
Health Commissioner and Presiding Officer.

HON. JAMES BANNERMAN,
Member Board of Police Commissioners.

ALBERT MERRELL, M. D.
CHARLES H. HUGHES, M. D.
JOHN H. BRUERE, M. D., *Clerk.*

STANDING COMMITTEES.

On City Hospital and Female Hospital:
Dr. Merrell and Mr. Nagel.

On Asylum, Poor House and Sanitary Office:
Mr. Nagel and Dr. Hughes.

On Legislation and Rules:
Mr. Nagel and Dr. Hughes.

City Chemist's Office:
Mr. Bannerman and Dr. Merrell.

On Dispensary, Quarantine and Health Commissioner's Office:
Mr. Bannerman and Dr. Merrell.

NOTE.—Dr. J. H. Bruere succeeded Mr. Tobias Mitchell as Clerk of Board of Health and Commissioner, October 12th, 1896.

CONTENTS.

PAGE.

LETTER SUBMITTING REPORT.. 91

REPORT OF THE HEALTH COMMISSIONER............................ 99

ANNUAL STATEMENTS:—

(I.) Of the Consulting Bacteriologist.......................... 131

(II.) Of the Clerk of Health Commissioner, and Board of Health.. 175

(III.) Of the Chief Sanitary Officer............................ 209

(IV.) Of the Chief Dispensary Physician....................... 217

(V.) Of the City Chemist and Consulting Bacteriologist.......... 227

(VI.) Of the Superintendent City Hospital...................... 230

(VII.) Of the Superintendent Insane Asylum..................... 235

(VIII.) Of the Superintendent Female Hospital.................. 256

(IX.) Of the Superintendent Poor House........................ 261

(X.) Of the Superintendent Quarantine and Small-Pox Hospital... 264

REPORT TO THE MUNICIPAL ASSEMBLY ON THE POOR HOUSE.......... 266

REPORT ON THE MEDICAL DEPARTMENT OF THE WORK HOUSE........ 269

PART SECOND, CONTAINING TABLES AND STATISTICS................... 277

LETTER SUBMITTING REPORT.

St. Louis, Mo., July 1st, 1897.

Sir: In accordance with Article 4, Section 47, of the City Charter, requiring the Chiefs of the various Departments to report annually to the Mayor, I respectfully beg leave to submit to you my Annual Report. It covers the work for the Municipal year ending March 31st, 1897, being the Twentieth Annual Report of the Health Commissioner and the twenty-ninth submitted by the Department.

During the past year I have endeavored to improve and facilitate the workings of the Department, and the results obtained have been most gratifying.

The Superintendents of the various branches of the Health Department have made full, complete and comprehensive statements of the operations of their respective departments, and I desire to express my sincere and hearty appreciation for their co-operation.

Thanking you for the cheerful manner in which you have complied with requests made by me, I beg to remain,

Very respectfully,

MAX C. STARKLOFF,
Health Commissioner.

To Hon. Henry Ziegenhein,
Mayor of City of St. Louis.

HISTORY OF THE HEALTH DEPARTMENT FROM 1832 TO 1895 INCLUSIVE.

1832–33–34–35–36–37	Cornelius Campbell,	*Health Officer.*
1838–39	C. J. Carpenter,	"
1840–41	J. N. McDowell,	"
1842	John W. Prather,	"
1843	John S. Moore,	"
1844	J. N. McDowell and M. M. Pallen,	"
1845	John S. Moore,	"
1846	M. M. Pallen and Josephus W. Hall,	"

There are no records in this Department showing who were the officials of the Health Department between the years of 1846 and 1855.

1855.

G. W. Gottschalk,
John Sexton,
J. F. Weston,
Erastus Wells,
G. Kyler,
Mr. Reilly.

S. W. Adreon, *Health Officer.*

1856.

Dr. Shore, *President.*

H. C. Lynch,
C. C. Campbell,
C. C. Simmons,
John Hern,
Chas. Tillson,
P. Degan,
C. D. Coleman,
C. W. Horn,
C. R. Anderson.

Dr. O. C. Johnson, *Clerk.*
S. W. Adreon, *Health Officer.*

1857.

C. C. Simmons, *President.*

H. C. Lynch,
A. Valle,
Chas. Tillson,
J. Shore,
D. Powers,
C. D. Coleman,
C. Horn,
James Doyle.

O. C. Johnson, *Clerk.*
Dr. E. F. Smith, *Health Officer.*

1858.

S. W. Adreon, *President.*

L. Babcock,
F. W. Cronenbold,
R. M. Renick.
P. Valle,
C. H. Tillson.
T. G. Daily,
J. G. Vogel,
C. Horn,
James Doyle.

G. Kyler, *Clerk.*
Dr. E. F. Smith, *Health Officer.*

1859.

S. W. Adreon, *President.*

F. W. Cronenbold,
James Doyle,
C. H. Tillson,
J. C. Vogel.

G. Klier, *Clerk.*

Dr. E. F. Smith, *Health Officer.*

1860.

S. W. Adreon, *President.*

J. Sexton,
G. Kyler,
J. W. Crane,
J. C. Vogel.

G. Klier, *Clerk.*

Dr. E. F. Smith, *Health Officer.*

1861.

Dr. John W. Crane, *President.*

C. W. Cronenbold,
J. B. Burnett,
G. W. Dryer,
T. Speer.

G. Klier, *Clerk.*

Dr. E. F. Smith, *Health Officer.*

1862.

Dr. Solon Stark, *President.*

C. W. Cronenbold,
T. Neiderwieser,
J. B. Burnett,
Thos. Dayly.

G. Klier, *Clerk.*

Dr. E. F. Smith, *Health Officer.*

1863.

G. W. Gottschalk, *President.*

T. Neiderwieser,
J. Cheever,
C. Horn,
B. Charles.

G. Klier, *Clerk.*

Dr. E. F. Smith, *Health Officer.*

1864.

Chas. W. Horn, *President.*

H. C. Gemp,
H. Schepman,
Chas. Schoenbeck,
J. Cairns,
J. Cheever.

Dr. A. Montgomery, *Clerk.*

Dr. Haeussler, *Health Officer.*

1865.

Chas. W. Horn, *President.*

T. Neiderwieser,
J. Cheever,
Berry H. Gemp
Borg.

Alex. Montgomery, *Clerk.*

Jos. Spiegelhalter, *Health Officer.*

1866.

John Finn, *President.*

J. P. Krieger,
C. Stiefel,
H. H. Belt,
R. S. King.

Dr. Jas. E. Folsom, *Clerk.*

Jos. Spiegelhalter, *Health Officer.*

1867.

Dr. Jno. T. Hodgen, *President.*

Dr. E. F. Smith,
Dr. Jos. Heitzig,
Constantine Maguire,
Jos. S. Peace.

Dr. R. H. O'Brien, *Clerk.*

W. W. Grissom, *Health Officer.*

1868.

Ellsworth F. Smith, M. D.,
Joseph Heitzig, M. D.,
John T. Hogan, M. D.,
John F. Thornton.

Dr. R. H. O'Brien, *Clerk.*

Dr. P. V. Schenck, *Health Officer.*

1869.

Hon. Arthur B. Barrett, *Mayor.*

John T. Hodgen, M. D.,
Ellsworth F. Smith, M. D.,
Jos. Heitzig, M. D.,
John F. Thornton.

R. H. O'Brien, *Clerk.*

Wm. L. Barret M. D., *Health Officer.*

1870.

Hon. Nathan Cole, *Mayor and Ex Officio President.*

Frank G. Porter, M. D.,
Wm. S. Parker, M. D.,
Hon. David Powers,
Mr. Julius Hunicke.

R. H. O'Brien, M. D., *Clerk.*

Wm. L. Barrett, M. D., *Health Officer.*

1871.

Hon. Joseph Brown, *Mayor and President Ex Officio.*

Wm. S. Barker, M. D.,
F. V. L. Brokaw, M. D.,
Julius Hunicke,
Hon. Wm. Currie.

Richard H. O'Brien, M. D., *Clerk.*

Dr. Wm. L. Barret, *Health Officer.*

1872.

Hon. Joseph Brown, *Mayor and President, Ex Officio.*

Hon. Elon G. Smith,
Dr. E. H. Gregory,
David H. Armstrong,
Dr. A. P. Langford.

Dr. R. H. O'Brien, *Clerk.*

Dr. G. F. Dudley, *Health Officer.*

1873.

Hon. Joseph Brown, *Mayor and President Ex Officio.*

Dr. E. H. Gregory,
Dr. A. P. Lankford,
Hon. Michael Madden,
D. H. Armstrong.

Dr. R. H. O'Brien, *Clerk.*

Dr. G. F. Dudley, *Health Officer.*

1874.

Hon. James H. Britton, *Mayor and President Ex Officio.*

L. T. Pim, M. D.,
Y. H. Bond, M. D.,
John G. Priest,
Hon. Michael Madden.

Dr. R. H. O'Brien, *Clerk.*

Dr. Wm. L. Barret, *Health Officer.*

1875.

Hon. H. Overstolz, *Mayor and President Ex Officio.*

W. H. McPheeters, M. D.,
Jos. Spiegelhalter, M. D.,
John G. Priest,
Chas. W. Francis.

Dr. James O'Gallagher, *Clerk.*
Dr. Wm. L. Barret, *Health Officer.*

1876.

Hon. H. Overstolz, *Mayor and President Ex Officio.*

Wm. McPheeters, M. D.,
Jos. Spiegelhalter, M. D.,
John G. Priest,
Chas. W. Francis.

Dr. James O'Gallagher, *Clerk.*

Dr. Wm. L. Barret, *Health Officer.*

1877.

Hon. H. Overstolz, *Mayor and Presiding Officer.*

Chas. W. Francis, *Health Commissioner.*

Henry Marthens, M. D.,
John G. Priest,
J. Spiegelhalter, M. D ,
John H. Lightner.

Dr. Edward W. Jamison, *Clerk.*

Dr. Geo. Homan, *Chief Sanitary Officer.*

1878.

Hon. H. Overstolz, *Mayor and Presiding Officer.*

Charles W. Francis, *Health Commissioner.*

Henry Marthens, M. D.,
Jos. Spiegelhalter, M. D.,
John G. Priest,
John H. Lightner.

Dr. Edward W. Jamison, *Clerk.*

Dr. Geo. Homan, *Chief Sanitary Officer.*

1879.

Hon. H. Overstolz, *Mayor and Presiding Officer.*

Charles W. Francis, *Health Commissioner.*

Jos. Spiegelhalter, M. D.,
W. B. Conery, M. D.,
John H Lightner,
Leslie A. Moffett.

Dr. Robert Luedeking, *Clerk.*

Dr. Geo. Homan, *Chief Sanitary Officer.*

1880.

Hon. H. Overstolz, *Mayor and Presiding Officer.*

Charles W. Francis, *Health Commissioner.*

Jos. Spiegelhalter, M. D ,
W. C. Conery, M. D ,
John H. Lightner,
D. H. Armstrong.

Dr. Robert Luedeking, *Clerk.*

Dr. Geo. Homan, *Chief Sanitary Officer.*

1881.

Hon. Wm. L. Ewing, *Mayor and Presiding Officer.*

Charles W. Francis, *Health Commissioner.*

Jos. Spiegelhalter, M. D.,
W. B. Conery, M. D.,
John H. Maxan,
Geo. W. Parker,
Saml. Cupples, part of year

Dr. Robert Luedeking, *Clerk.*

Henry Remnitz, *Chief Sanitary Officer.*

1882.

Hon. Wm. L. Ewing, *Mayor and Presiding Officer.*

Charles W. Francis, *Health Commissioner.*

Geo. W. Parker,
W. B. Conery, M. D.,
Jos. Spiegelhalter, M. D.,
D. W. Caruth.

Dr. Robert Luedeking, *Clerk.*

Henry Remnitz, *Chief Sanitary Officer.*

1883.

Hon. Wm. L. Ewing, *Mayor and Presiding Officer.*
Jno. J. Fitzwilliams, *Health Commissioner* (6 months).
John D. Stevenson, *Health Commissioner* (6 months).
Jos. Spiegelhalter, M. D., Geo. W. Parker,
W. B. Conery, M. D., D. W. Caruth.
Robert Luedeking, M. D., *Clerk.*
Dr. Willis Hall, *Chief Sanitary Officer.*

1884.

Hon. Wm. L. Ewing, *Mayor and Presiding Officer.*
John D. Stevenson, *Health Commissioner.*
Jos. Spiegelhalter, M. D., Geo. W. Parker,
E. M. Nelson, M. D., Jas. L. Blair.
Gib. W. Carson, M. D., *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1885.

Hon. D. R. Francis, *Mayor and Presiding Officer.*
Jno. D. Stevenson, *Health Commissioner.*
Jos. Spiegelhalter, M. D., Geo. W. Allen,
E. M. Nelson, M. D., Jas. L. Blair.
Gib. W. Carson, M. D., *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1886.

Hon. D. R. Francis, *Mayor and Presiding Officer.*
Jno. D. Stevenson, *Health Commissioner.*
Jos. Spiegelhalter, M. D., Geo. W. Allen,
E. M. Nelson, Jas. L. Blair.
Gib. W. Carson, M. D., *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1887.

Hon. D. R. Francis, *Mayor and Presiding Officer.*
Geo. F. Dudley, *Health Commissioner.*
R. C. Atkinson, M. D., Geo. W. Allen,
J. R. Lemen, M. D., E. Wilkerson.
F. W. Lowery, M. D., *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1888.

Hon. D. R. Francis, *Mayor and Presiding Officer.*
Geo. F. Dudley, *Health Commissioner.*
R. C. Atkinson, M. D., Geo. W. Allen,
J. R. Lemen, M. D., Chas. H. Turner.
F. W. Lowery, M. D., *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1889.

Hon. Geo. W. Allen, *Acting Mayor part of the Year.*
Hon. Edward A. Noonan, *Mayor and Presiding Officer.*
Geo. F. Dudley, *Health Commissioner.*
R. C. Atkinson, M. D., C. P. Walbridge,
J. R. Lemen, M. D., Chas. H. Turner.
W. L. Blickhahn, M. D., *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1890.

Hon. Edward A. Noonan, *Mayor and Presiding Officer*
Geo. F. Dudley, *Health Commissioner.*
R. C. Atkinson, M. D.,
J. R. Lemen, M. D.,
C. P. Walbridge,
Chas. H. Turner.
Dr. Seward Finney, *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1891.

Hon. Edward A. Noonan, *Mayor and Presiding Officer.*
Geo. F. Dudley, *Health Commissioner.*
A. C. Robinson, M. D.,
Otto Forster, M. D.,
C. P. Walbridge,
D. W. Caruth.
Seward A. Finney, M. D., *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1892.

Hon. Edward A. Noonan, *Mayor and Presiding Officer.*
Wm. N. Brennan, *Health Commissioner.*
A. C. Robinson, M. D.,
Otto Forster, M. D.,
C. P. Walbridge,
D. W. Caruth.
Seward A. Finney, M. D., *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1893.

Hon. C. P. Walbridge, *Mayor and Presiding Officer.*
Geo. Homan, M. D., *Health Commissioner.*
A. C. Robinson, M. D.,
Otto Forster, M. D.,
Chas. Nagel,
D. W. Caruth.
Cornelius Maloney, *Clerk* (one month).
Morris Jacks, *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1894.

Hon. C. P. Walbridge, *Mayor and Presiding Officer.*
Geo. Homan, M. D., *Health Commissioner.*
A. C. Robinson, M. D.,
Otto Forster, M. D.,
Chas. Nagel,
D. W. Caruth.
Morris Jacks, *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1895.

Hon. C. P. Walbridge, *Mayor and Presiding Officer.*
Dr. Max C. Starkloff, *Health Commisssoner.*
C. H. Hughes, M. D.,
Albert Merrell, M. D.,
Jas. Bannerman,
Chas. Nagel,
Jerre Fruin, part of year.
Tobias Mitchell, *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

1896.

Hon. C. P. Walbridge, *Mayor and Presiding Officer.*
Dr. Max C. Starkloff, *Health Commissioner.*
C. H. Hughes, M. D.,
Albert Merrell, M. D.,
Chas. Nagel.
Jas. Bannerman.
Dr. J. H. Bruere, *Clerk.*
Charles W. Francis, *Chief Sanitary Officer.*

REPORT.

The health of St. Louis has been extremely good, considering the increase of population and thermic conditions. We have recorded 9,897 deaths, of which 133 were caused directly by the cyclone, making a death rate of 17.3 per thousand. Our record is based on a very conservative estimate of 570,000 inhabitants. The mortality of children under five years of age is decidedly less than last year; 3,326 deaths, making the rate for this year 23.7, last year's rate being 36.8. The effort of this Department in compelling better sanitary condition of the dairies and supplying our children with more wholesome milk, is showing its beneficial effects. This Department labors with unceasing energy to improve our milk supply and we hope with the introduction of a Pure Food Ordinance, to show next year the most commendable results.

The absence of smallpox this year in our midst, compared with previous years, is laudable of the efficiency of the Health Department. In the early part of May, 1896, smallpox was prevailing in several of our Southern cities, and the influx of race-horse people to the Spring Meeting at the Fair Grounds gave the Health Department considerable apprehension. At every avenue of ingress to our city, there were detailed physicians and inspectors to investigate the condition of passengers on board of boats and steam-cars, beside making a thorough investigation of all residing at the Fair Grounds. But two cases of smallpox were found. Under the thorough system of inspection, isolation and fumigation, no other cases developed.

Tornado.

On Wednesday, May 27th, 1896, the most disastrous tornado recorded in the West visited St. Louis. It destroyed several thousand homes, killed one hundred and thirty-three people, maimed and injured some six hundred, and in its path swept away the City Hospital, in which were 480 patients. The Women's pauper division and the hospital building at the Poor House were completely wrecked.

Confronted with hundreds of injured and sick, without a place to house these unfortunates, was a condition this Department found itself in after the storm. Realizing that quarters must be secured at once, I immediately proceeded to find a place to temporarily shelter the sick and injured. Having been informed that the Convent of the Good Shepherd, 17th and Pine streets, was vacant, I at once investigated the building and felt assured that this was the only available property sufficiently large. Without any formality, I took possession on the night of the storm.

After supplying the building with cots and blankets, which were obtained from the National Guards and the various hotels, I gave instructions to have all the sick and injured sent to the temporary hospital, and subsequently made arrangements with Alexian Brothers' Hospital and St. John's Hospital to care for those who needed immediate attention. The transferring and housing of so many persons in a period of twenty-four hours was a work most highly creditable to the officers and employees of the City Dispensary and Hospital.

Every effort was made to save the personal property of the Hospital and comparatively little of that property was lost.

After viewing the ruins of this disastrous storm, it seems almost incomprehensible that but two lives were sacrificed at the Hospital.

Too much credit cannot be given to the employees of the City Hospital and Dispensary for their heroic work on the night of the tornado.

In this public way, I also desire to thank the National Guards, who worked with me for several days, in saving life and property; and the many volunteer physicians who assisted us at the Dispensary and Hospital.

After housing the patients and carefully considering a permanent location, I consulted with his Honor, the Mayor, advising him to recommend to the Municipal Assembly to make arrangements to obtain a lease on the building until a new hospital could be erected, or other permanent arrangements made.

A lease was entered into for a period of two years, and after an agreement was made between the City and the owners of the property, I made requisitions to equip the hospital and put it in the best condition possible. I was compelled to make many additions and changes, the cost of which was considerable,— but the splendid results realized and the number of patients treated and cared for has been very gratifying, considering the fact that the building is old and not at all adapted to the purpose for which it is being used.

Biological Laboratory.

Last year I advocated the necessity for establishing a Biological Laboratory in connection with this Department and set forth at some length the reason for it. My further acquaintance extending now through over two years of study of the needs of this Department, compels me to again, more strongly than ever, urge the necessity of such a laboratory, not only for the aid it extends to the Board of Health in studying and solving the many difficult and complicated sanitary problems that are constantly presenting themselves for solution, but also for the very great assistance it gives to physicians in the early diagnosis of certain of the infectious diseases, such as Tuberculosis, Diphtheria, Typhoid Fever, Cholera, Typhus Fever, etc. ; and further, for the great practical benefit that such a laboratory is to the public in the production of antitoxine at a cost so small as to permit of its free distribution to the poor of our city.

Bacteriology is not a fad of scientific men, but an established science. Through its aid, medicine has made greater progress in the last quarter of a century, than in all the waiting centuries before it. The demonstration by the immortal Pasteur that fermentation is alone due to microbes, suggested to Sir Joseph Lister the aseptic treatment of wounds, which perfected the work of so many of our eminent surgeons, has been the means of saving thousands of lives annually, and rendering practical many operations which had been utterly unjustifiable.

The further study of bacteria by Koch, Behring, Roux and others has revolutionized the whole science of communicable disease and opened up boundless fields of research that give promise in future methods of prevention and cure, in the strictest sense of the word, which a few years ago would have appeared as the wildest dream.

A Bacteriological Laboratory is of great practical value to physicians in making accurate, scientific, diagnostic tests in many of the diseases of a contagious or infectious nature, for to it may be sent specimens of secretions and diseased tissues, upon the crucial examination of which the diagnosis often rests absolutely. It is not, as a rule, possible, owing to the expense involved and the time required, for practicing physicians to make such investigations, nor can they always be made privately. For example: In diphtheria, it is often impossible to say whether or not the disease in its early stage is true or false diphtheria, but by a bacteriological examination of the visible exudate of a swab culture from the throat secretions, an accurate diagnosis can be promptly made. When cholera threatens, a biological investigation of the alvine discharges of a suspected case will speedily and surely diagnose the false from the true disease. In typhoid fever, the bacteriological examination of a drop of blood from the patient, in association with a recent broth culture of the typhoid bacillus will, in a majority of cases, make a differential diagnosis between the disease and those that resemble it, such as typhoid fever, malarial fever, miliary tuberculosis, malignant endocarditis.

In tuberculosis (consumption) a microscopic examination of the sputum quickly offers a positive diagnosis and a hope for cure in this dread disease, and is only to be entertained when the diagnosis is made in the early stages of the disease.

To all Boards of Health such a laboratory is more appreciated as its usefulness becomes more apparent. In the study of water and food supplies it plays an important role, especially in detecting those diseases transmitted from animal to man, either through the eating of meat or the drinking of milk containing the living germs of disease.

The merits or demerits of the number of new disinfectants or methods of disinfection that are constantly being presented to Health officers by persistent and annoying agents, can be studied in no other way than by careful biological investigations.

The researches of Behring, Kitesat, Roux, Marmorec, Yersen and others, have demonstrated that the blood of man and animal contains germicidal antitoxines or immunizing substances subsequent to or associated with the invasion of the system by a certain acute infectious disease; that these antitoxic substances can be produced artificially by inoculating healthy animals, such as the horse, with virulent cultures or the toxics of the micro-organisms of the infectious diseases. They have further shown how man can be immunized with these antitoxic materials against certain infectious diseases, and how the diseases may be modified or cured even when their ravages are well under way. This is especially so of diphtheria, for the great reduction of mortality in this disease, following the use of antitoxine, has established it as an absolute fact that a specific cure for diphtheria has been discovered, that is indorsed by the most enlightened practitioners of the medical profession.

These antitoxic materials are now sold upon the market, but at a price so high as to put them practically beyond the reach of the poor. They can be produced, as we have demonstrated, at a cost so small as to enable the Health Boards to distribute them free to physicians for the treatment of our citizens too poor to purchase them.

The vaccine virus used by the Department is purchased from a private establishment at an annual cost fluctuating in amount according to the extent of the disease. The Department has expended as much as $7,000.00 annually for vaccine virus.

The objections to the private establishments are that they cannot be officially inspected to ascertain the manner in which the virus is produced, the age of virus, the character of the cattle used and their care before and after inoculation. This material can be produced at a small outlay by a well equipped bacteriological department from known healthy cattle and guaranteed of a definite age; of known quality and free from pus-producing bacteria.

If to the present practice of furnishing physicians immediate bacteriological proof of whether a suspected case is one of a certain disease or not, be added the liberal offer of a highly potent antitoxine for the cure of the disease, it would seem that the Board of Health is striving intelligently to meet and make use of the most available means for preventing the epidemic extension of disease.

Two years ago the demand for a bacteriological laboratory became so great that, by order of the Board of Health, a part of the City Chemist's office was equipped with necessary apparatus for carrying on bacteriological investigations. The Assistant City Chemist, Mr. Thomas Buckland, who had some training in bacteriology, was detailed to assist in the preparation of nurative media, etc., and an expert bacteriologist employed for the active conduct of the work. I cannot commend too highly the work of this modestly equipped department during the two years of its existence. Seven hundred and fifty-seven specimens of sputum have been examined; 2,849 culture tubes for the diagnosis of diphtheria; antitoxine distributed for the treatment of diphtheria to physicians and for immunizing purposes, 22,495 cubic centimeters. Three hundred and forty-two cases of diphtheria were treated during the fiscal years 1895–96, ending March 31st, with but a mortality of 4.6 per cent. The number of cases treated this year, ending March 31st, 1897, with the antitoxine produced by the Bacteriological Department, for which we have histories, were 144, with a mortality of 5.80.

In conclusion I desire to especially commend the scientific and progressive work of Dr. Amand Ravold, Consulting Bacteriologist of this department. He has had supervision of all the biological work, and, solely to his efforts, under the disadvantages in which he has been compelled to labor, has this Department been enabled to make this excellent showing in this scientific work.

Disinfection.

In order to place more clearly before you the urgent necessity for a central disinfecting station for the practical utilization of live steam as a disinfecting agent, I shall take the liberty to briefly review the fundamental principles underlying the question of disinfection.

By disinfection, we mean the destruction of the infectious power of infectious material. In a great majority of the infectious diseases, it has been demonstrated that infection depends upon the introduction into the body of a susceptible individual of living bacteria. In other infectious diseases such as Yellow Fever, Scarlet Fever, Smallpox, Measles, etc., the living infectious agents have not yet been discovered, but the disinfectious agents which destroy the pathogenic bacteria are equally potent against the contagium vivum of these diseases.

In the first place, it is essential to know where the infectious material that we propose to destroy, is found. In eruptive fever, smallpox, scarlet fever, measles, erysipelas, etc., it is given off from the general surface of the body and probably in the sputum. In parasitic skin diseases, from the skin involved. It attaches itself, therefore, in these diseases, to clothing, bedding and articles handled by the infected person or remaining in his vicinity. In pneumonia, tuberculosis, diphtheria, whooping cough, la grippe, etc., in the expectorated matter from the throat and lungs. In glanders, in discharge from the nose. In cholera and typhoid fever, in the alvine discharges.

The infectious material in some of these diseases, so far as we know, does not multiply outside of the body of the infected animal. In others, under suitable conditions of temperature and pabulum, it can multiply external to and independent of the living animal.

The object then of disinfection is to destroy these infectious materials wherever and whenever found and thus restrict the spread of infectious diseases.

For prompt and certain disinfection, we must resort to either chemical or thermal agents. Their practical utility depends not only on their germicidal power, but on the ease with which they can be applied, their cost, and the danger of injury to persons or property from their use.

The practical chemical agents have been narrowed down to a very few and may be divided into those which are used in liquid forms and those in the gaseous form. Of the liquid form, bichloride of mercury, carbolic acid, chloride of lime, quicklime and alcohol are the most efficacious. Of the gaseous, sulphur-dioxide, chloride and formaldehide are best. They are the cheapest, most generally applicable and least likely to damage clothing, furniture, etc.

Attempts to disinfect the air surrounding a patient by methods of the burning of pastiles and cloths containing carbolic acid, etc. is mythical and illusionary, as the only tendency it has is to destroy odors by substituting a pungent odor induced by chemicals, whilst it has no effect whatsoever upon the bacteria; it is worse than useless, and to quote Simon "as a futile ceremony of vague chemical libations or powderings savoring rather of superstitious observance than science."

All mere rubbing and scrubbing of walls, ceilings, furniture and floors with liquid disinfectants in the habitations of the poor can effect only partial disinfection because of the number of cracks and crevices, the interior of which cannot be reached in this way. We cannot conveniently apply heat to walls, floors and surfaces of rooms. For this purpose, it has been the practice to employ the fumes of burning sulphur, especially in the presence of moisture. The process is a very old one, for Homer tells us Ulysses purified his home in this way. It is easy to use, cheap, and has little or no injurious effect upon the ordinary furniture of an apartment,— but it will not kill spores and is therefore useless in disinfecting for anthrax and tuberculosis, and has been abandoned by France, Germany, England and most of the Municipalities of this country.

Formaldehide, an aspirant for favors, comes highly recommended by a host of scientific observers as the very best gaseous disinfectant so far discovered, and has been adopted by most of the great cities of the world. A series of experiments carried out by our Bacteriological Department have confirmed the findings of other trained observers. It is, however, as now applied, quite expensive, but time will undoubtedly lessen greatly its cost. It was discovered in 1867 by Van Hoffman, who obtained it by passing the vapor of wood alcohol mixed with air over finely divided platinum heated to redness. Most of the lamps now offered in the market are built upon this principle. Its powerful antiseptic properties were discovered by Loew in 1888, and studied later by Bosc, Trillat; Berlioz, Kinyon, De Schweinitz and others.

The Trillat apparatus is the best so far devised for the generation of the gas. Our observation shows that it is a reliable disinfectant for surfaces and light articles, such as bedding, clothing, carpets, hangings, etc. It is doubtful whether the interior of mattresses and pillows in ordinary living rooms can be disinfected by it. It is a notable fact, however, that it does not injure, or change in the least, the delicate tints of wall paper, draperies, paintings, fresco-work, nor tarnish or blacken silver ware or metallic instruments.

The most important of all disinfecting agents is heat, and the simplest method of applying it is to burn the infected articles. Under this head comes naturally the cremation of useless clothes, bedding, etc., garbage and the bodies of dead animals and man.

Dry heat is of very little practical use outside of the Laboratory where for special purposes it is of great utility. Heat with moisture destroys bacteria; it lowers temperatures in a shorter time than dry heat and is less liable to injure the articles subjected to it.

The boiling of bed-clothes, cloths, towels, etc., is a simple and efficient method, but live steam under a pressure of one or two atmospheres in a suitable box is far and away the best method used by man, and is highly indorsed by the best sanitarians in the world.

Many forms of steam disinfecting apparatus, both fixed and movable, are now constructed in this country and Europe. The chamber itself is usually made of boiler iron with double walls, and, if a fixture in a central disinfecting establishment, has a door at each end and set in a partition in such a way that the articles to be disinfected are introduced at one door and removed from the other, so that they do not come into the room which contains the infected articles. The central disinfecting establishments of Paris, Berlin, Glasgow, Philadelphia and other large cities may be taken as types of the arrangement desirable.

A portable apparatus is constructed, that can be taken to the door of the infected house, where all woolen garment, mattresses, pillows, bedding, etc., can be thoroughly disinfected while the premises are being fumigated.

It has been satisfactorily demonstrated by scientific experiments and by practical experience of the great municipalities of the world for a number of years, that superheated steam is the most potent agent in the disinfection of bedding, woolen garments and textile fabrics, and it is an indispensable aid in protecting the public against infectious diseases. I therefore recommend and would respectfully request that the Honorable Municipal Assembly, by appropriate legislation, provide the necessary means for adding steam disinfection to the work of the Sanitary Department.

Cellar Air:

The sanitary condition of our dwelling houses is, to a large extent, affected by the cellar atmosphere. This is a subject but slightly understood, and to which the average citizen pays little attention. The continual movement of the ground atmosphere has an important bearing on some causes of disease, and I believe that cellar air is, in many cases, a source of disease, and that the impurities of the air of many dwelling houses is derived from the subsoil air coming from cellars. Air, water and organic matter, both animal and vegetable, are matters that exist and form important ingredients of the soil.

The causes to which the movement of ground air is attributable are, the difference of temperature between the surface and the deeper strata, the force of wind, the displacement of ground water and the inherent power of diffusion which gaseous bodies possess.

In a large city the soil becomes charged with the gas that escapes from the sewer, the soakage of surface filth of all kinds, the leakage from vaults, and, in addition, the sewer pipes leading into the house pass into the cellar, and where these are not properly constructed and tapped, the sewer gas direct from the sewer is found in the cellar.

The paving of the streets and foundation walls of houses tend to obstruct the ascent of the subsoil gases into the open air, and the ground air finds its way to the least resisting and unprotected channels of exit that are to be found in the careless and improperly constructed cellar floors. The majority of cellars being so constructed as to form no barrier to the air from the subsoil and the cellars being charged with this impure subsoil air, it readily finds its way to the upper parts of a dwelling; and where dwellings are built upon what is known as "made ground" the danger from this subsoil air is greatly increased.

When a house is heated by a furnace placed in an unpaved cellar, the heat of the furnace causes a suction which produces an upward current of air; in this way, subsoil air may be drawn from a great depth, as well as from a distance laterally, and convey impurities derived from various sources of contamination directly under our dwellings. Sometimes furnaces are constructed without any fresh air duct; in these cases the impure air of the cellar goes directly into the house. Again, where there are fresh air ducts, for the sake of economy and the saving of heat, these fresh air ducts are closed and the same result is brought about.

It is of primary importance to prevent the pollution of our houses by ground air, and this can be done by paving the cellar with a thick asphalt pavement and by placing ventilators in the cellar windows.

Another matter which should be avoided, is the keeping of a large amount of vegetable matter in the cellar, such as cabbages and potatoes.

A cellar should be kept as clean as any other portion of a house, and, while it may be kept clean and well lighted, if it is not absolutely impervious from ground air, it is dangerous to the health of those living in the house.

Filtration of Water.

Water is the universal medium in and through which the processes of life occur and the products of vital action are removed and excreted. It is second only to air in its importance in the animal economy. The constant use of water by every living being makes the quality of the water used of great importance, as it is liable to contain matters injurious to the health. The most important of these are the micro-organisms which cause disease, especially those which produce diarrhoeal and dysenteric affections, typhoid fever and cholera. There are no simple easy means by which one can assure himself that a water contains nothing harmful; but in bad cases, the sense of smell, taste and sight will warn him that it is not fit to drink.

We can determine by chemical analysis the amount and to some extent the source of foreign matters present, and can usually tell whether it contains sewage or not.

By recently introduced bacteriological examinations, the number of micro-organisms in a definite quantity of water can be determined and their character can be studied in separate cultivation. It is very often impossible, either by a chemical or bacteriological examination, or both combined, to be sure that a water is free from disease germs, although it is possible to say that it is polluted.

Here the vital statistics of a community using a water are of great importance. The best sanitarians of the world are now united in the belief that typhoid fever and cholera are water-born diseases, and the opinion finds strong support in the great number of epidemics that have been traced directly to water supplies pulluted with the dejecta of patients sick with these diseases.

The cause of typhoid fever, the typhoid bacillus, is a micro-organism that can retain its vitality for a number of weeks. In water at Lausen, in Switzerland, it was shown to have passed many hundreds of feet beneath a mountain, in fact a spring at its base, and caused an epidemic of the disease. At Plymouth, Pa., it was shown to have preserved its vitality for several weeks frozen in the snow, and then through the melting of the snow passed into a reservoir that was a source of the water supply of the town and produce an extensive epidemic.

It is a well recognized fact that the return of typhoid cases in a city may be regarded as a safe indication of its sanitary status. Whatever tends to better the sanitary arrangements of a city, tends in a decisive manner to diminish the prevalence of this disease; and this is particularly true of any improvement in the water supply. Thus in a number of large cities, purification of the contaminated water supply has been followed by a remarkable reduction in the death rate from typhoid fever. A notable example is Vienna. Before 1872, the mortality from typhoid fever was 12.5 per 10,000. In 1872 the great aqueduct that brought water from the "Kaiser Brunnen" Fountain in the Valley of the Hollenthal at the foot of the Schneeberg to the city was completed, and was followed by a reduction of the mortality from typhoid fever to 1.1 per 10,000.

The best method of rendering a polluted water supply pure is by filtration on a large scale through sand. That this is not a mere hypothesis, was clearly demonstrated in the most conclusive manner by the experience gained in Hamburg and Altona respectively, during the cholera epidemic of 1892. These two cities lie upon the River Elbe very much as do St. Louis and Carondelet upon the Mississippi. Both cities are dependent upon the river for their water supply,— but whereas in the case of Hamburg the in-take is situated above the city, the supply of Altona is abstracted below Hamburg after it has received the sewage of a population of close upon 800,000 persons. The Hamburg water was therefore, to start with, relatively pure when compared with that destined for the use of Altona,— but what was the fate of these two towns as regards cholera? Situated side by side, absolutely contiguous in fact, with nothing in their surroundings or in the nature of their population to especially distinguish them,— in the one, cholera swept away thousands, while in the other the scourge was scarcely felt. In Hamburg the deaths from cholera amounted to 1,250 per 100,000; in Altona, but 221 per 100,000. So clearly defined was the path pursued by cholera, that although it pushed from the Hamburg side right up to the boundary line between the two cities, it stopped there; this being so striking, that one street which for some distance marks the division between the two cities, the Hamburg side was stricken down with cholera, whilst that belonging to Altona remained free. The remarkable fact was brought to light that in those houses supplied with Hamburg water, cholera was rampant, whilst in those on the Altona side and furnished with Altona water not one case occurred. The Hamburg water to start with, was, as we have seen, relatively pure when compared with the foul liquid abstracted from the Elbe by Altona; but whereas in the one case of Altona the water was submitted to extensive and careful filtration through sand before delivery, in Hamburg the Elbe water was distributed in its raw condition as taken from the river. There can be no longer doubt, therefore, as to the value of sand filtration when carefully pursued. Besides the enormous loss of life, Hamburg's commercial interests are said to have suffered a monetary loss of over $200,000,000.00.

We know that the Mississippi river water at this point is sewage polluted. It is not necessary to have the opinion of chemical and biological experts, — although the evidence from that source is overwhelmingly conclusive. The common sense fact that a number of cities above us discharge their raw sewage into the Mississippi river or its tributaries, and that soon all the filthy sewage of Chicago will probably be sent to us by the Chicago Drainage Canal, through the Illinois river, is evidence enough of its contamination, and that this pollution is a menace to the health of this city, is demonstrated by the following tables taken from the report of Chief Sanitary Officer C. W. Francis, showing mortality statistics of typhoid fever for the last thirty years, from 1867 to 1897.

TABLE NO. 13.

SHOWING STATISTICS RELATING TO TYPHOID FEVER DURING PAST THIRTY YEARS.

YEAR.	Cases.	Deaths.	Miles of Water Pipe in Service Each Yr.	Miles of Sewer Pipe in Service Each Yr.	Populat'n.	Deaths in Each 1000 Living.
1867	.....	194	80 88	66.90	216,477	9.26
1868	.....	294	84.78	85.30	250,000	11.76
1869	.....	202	95.52	102.10	284,967	17.21
1870	.....	269	100 62	111.13	312,963	8.67
1871	.....	174	104.75	117.16	....	.....
1872	.....	176	118.89	129 25	....	.....
1873	.....	167	145.49	141.00	....	.....
1874	.....	131	155 87	150.00	....	.....
1875	.....	131	157.75	163.39	325,000	4.09
1876	.....	103	177.88	172.00		
1877	.....	130	179 00	177.53	....	.....
1878	.....	74	181.78	179.27	....	.....
1879	.....	112	191 48	188.26	....	.....
1880	.....	139	199.60	196.35	350,518	3.96
1881	.....	191	212 04	202.66		
1882	.....	166	224.77	211.30	....	.....
1883	.....	158	234.45	218 26	....	.....
1884	.....	166	237.05	223 38	....	.....
1885	.....	125	256.84	232.10	....	.....
1886	.....	124	278.93	247.10	400,000	3.12
1887	.....	116	294.73	262.78		
1888	.....	133	314.39	270.68	....	.....
1889	350	140	336.09	298.42	....	....
1890	427	137	353.60	311.09	451,770	3.03
1891	436	172	373.50	323.65	....	.....
1892	3624	514	410.00	365.00	500,000	10.02
1893	681	171	447.36	380 18	515,293	3.32
1894	783	172	467.73	391.58	550,000	3.13
1895	392	100	492 86	415.55	560,000	1.78
1896	281	118	532.01	434 56	590,000	2

Report of cases for years 1889, 1890 and 1891 not considered complete.

The table referred to, giving statistics of typhoid fever for the past thirty years, can be considered accurate so far as the number of deaths reported, but previous to 1889 physicians did not report the cases. Since 1889, physicians are supposed to have reported their cases and the number that they have reported each year is given in the table; but I am under the impression that there has not been an accurate return made. For instance: In 1892 the ratio of deaths to cases reported was about 14 per cent; while in 1896 the ratio of deaths in comparison with cases was over 40 per cent.

The percentage of deaths of cases in typhoid fever has generally been estimated at 15 per cent.

Previous to this year, the physicians depended entirely on the clinical history of their cases, but during the past year I have inaugurated a system by which a blood test has been made in the City Chemist's office for the diagnosis of typhoid fever, and, as physicians generally have availed themselves, in all doubtful cases, of the facilities given to make this blood test (if the report of cases of 1896 can be considered accurate) then the percentage of mortality in true cases of typhoid fever is higher than it has heretofore been estimated.

Here it will be seen are recorded two notable epidemics, viz.: In 1868 with 11.76 per cent per 1000, and in 1892, 10.2 per cent per 1000. In that of 1892, 3,624 cases of disease were reported by the physicians of the city with a mortality of 514.

The evidence at hand is too strong and convincing to doubt for a moment that the water supply was not the source of the disease,— yet what has been done to remedy the defect and to assure our citizens that at any moment there would not be precipitated upon them an epidemic of disease from this source, having all the magnitude and fatal severity of that of Hamburg?

Typhoid fever should no longer work such havoc among us, if man could only be made to believe that sewage, no matter how greatly diluted, is not fit to drink.

It is our duty as officials and citizens to see to it that by no official carelessness or false municipal economy should polluted water be used without proper cleansing.

I am fully aware that a systematic and thorough chemical and biological study of the Mississippi river water has never been made, and that the difficulties surrounding the filtration of a muddy water are manifold; still, the problem is not beyond solution by highly trained experts, chemists, biologists and engineers, and these should immediately be put to work upon this question.

With all the convincing evidence before us of the efficiency of filtration as a barrier to the dissemination of disease-producing germs, I earnestly recommend that every effort be made to bring about, as speedily as possible, the purification of our water supply by submitting it to careful filtration.*

The Hygiene of Schools.

Last fall I directed an examination to be made of the Public, Private and Parochial schools of the city. This examination was not as thorough as I would have wished, but was as well done as the circumstances allowed. The large number of schools to be looked over, the limited number of sanitary officers doing the work, and the pressure of other work, necessarily contracted the examination.

Ninety-seven public schools, and eighty-eight private and parochial schools were examined. The number of pupils found in the public schools were 61,465, and in the private and parochial schools 19,249.

The air space of two-thirds of the schools was found to be insufficient; the amount of floor space in many schools was far below the requisite allowance. In only about one-third of the schools were good modern methods for ventilation; the toilet arrangements in many were defective, in fact in some instances very bad. In many the light was bad, and in several, the outside surroundings were found to be objectionable.

In this advanced age of sanitary science, it is not necessary to cite arguments to prove the great importance of the public schools, as related to the means of promoting health.

The schoolroom is the center at which every portion of the community and every home in it, is directly or indirectly represented, and therefore everything in school management that tends to promote disease of the body should be corrected, and where matters exist that are radically wrong, they should be at once extirpated.

I strongly recommend that laws be enacted that will compel those in harge of schools, to take the necessary steps that will insure proper light, good ventilation and sufficient air and floor space in our schoolhouses.

The law should also strictly regulate how and when children coming from homes, in which there has been contagious disease, should be readmitted to school, and the law should also provide strict sanitary regulations for the outside surroundings of the school. The Health Officers should have authority in directing and enforcing all matters connected with the hygiene of the schools.

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* NOTE.— For more complete account of the epidemic of typhoid fever at Lausen Switzerland, see —

(1) The Lancet (London), July 15th, 1876.
(2) Jour. Chem. Soc., June, 1876.
(3) 6th Rept. Riv. Pol. Com., p. 463.
(4) Rept. for 1873, Army Med. Dept. (English).
(5) 8th Annual Report Mass. State Board of Health, p. 124.

I consider it as much the duty of the Health Board to protect the health of the children in the schools, as out of them. Whatever promotes the physical welfare of the school is a public blessing, and no more sacred trust is enjoined on a community, than the proper provisions of the physical, as well as the mental and moral development of the young.

The provisions for light is of great importance, and in many of our schools very little attention seems to have been paid to this subject.

I am convinced from observation made in my practice, that a large percentage of cases of weak and impaired eyesight in children can be traced to improperly lighted schoolrooms, and experiments made in Germany discloses the fact that near-sightedness increases with the attendance of school.

In connection with this matter of light in schools, I quote from an article that appeared in the April number of the Sanitarian in an address before the Medico-Legal Society of New York, made by Dr. C. R. Agnew. He gave the result of an investigation made in the various schools of Cincinnati, New York and Brooklyn.

> "The number of pupils examined was 1,479, of whom 630 were in Cincinnati, 549 in New York and 300 in Brooklyn. Of the 630 pupils in the Cincinnati schools, 209 were from the primary grades, and of these 83½ per cent were near-sighted. In the intermediate schools, 210 pupils were examined, and of these 80 per cent were natural and 14 per cent near-sighted. In the high school, the eyes of 210 students were examined, and of these 78 per cent had normal vision and 16 per cent near-sighted.
>
> "The 549 students examined in New York belonged to New York College. Here, in the preparatory classes, 57½ per cent were found with normal vision, and 29 per cent near-sighted.
>
> "In the freshman class 42½ per cent had natural eyes, and 40 per cent were near-sighted.
>
> "In the sophomore class, no very material difference was observed from that in the freshman class.
>
> "But in the junior class, 37 per cent had natural eyes, and 56 per cent were near-sighted.
>
> "The Brooklyn students examined belonged to the Polytechnic Institute of that city. Here, in the Academic Department, 56 per cent had normal vision, and 10 per cent were near-sighted. In the next higher grade 53 per cent were emmetropic, and 28½ per cent were near-sighted.
>
> "The statistics of Dr. Cohn, of Breslau, prove how frequently myopia is produced. He found in the first degree schools in Germany the proportion of myopia scholars was $6\frac{7}{10}$ per cent.
>
> "In the second grade, $10\frac{3}{10}$ per cent.
>
> "In the third grade, $19\frac{7}{10}$ per cent.
>
> "In the highest grade, $26\frac{2}{10}$ per cent.
>
> "The alarming rapidity with which myopia is increasing among German students formed the subject of a recent debate in the Prussian Parliament. It was there stated that the number of short-sighted increased from 23 per cent in the first year to 75 per cent in the ninth or last year. It seemed to be the

> consensus of opinion in that discussion that ill-ventilated rooms and insufficient light were the main causes of this wide-spread evil.
>
> "Dr. Risley, of Philadelphia, has determined that the increase of near-sightedness in the public schools of that city is from $1\frac{4}{10}$ per cent in the primary grades to $28\frac{9}{10}$ per cent in the grammar grades.
>
> "An investigation made in Baltimore by direction of the Board of Education a few months ago discloses the fact that in the public schools of that city thousands of children are suffering from defective vision. The extent of the danger may be understood from the fact that out of 53,000 children thus examined, the eyes of 9,051 were found to be seriously impaired."

These statistics conclusively prove what an important bearing the question of light has to do with the health of the school children.

The heating and ventilation of schoolrooms is another important factor. I disapprove entirely of the mode of heating by stoves. The proper methods in my opinion are hot air furnaces, direct or indirect steam heat, or hot water. I believe hot air furnaces, when so arranged that there is an ample supply of fresh air, are the best means of heating.

The ventilation of the schoolrooms is probably the most difficult problem to solve, and while it is one of the most important, it is one that in many cases little attention is paid to.

If the air taken into the lungs does not contain its normal amount of oxygen, the waste products are not properly prepared for elimination. The lungs have not power of selection, but must assimilate whatever is presented to them.

If rooms are not properly ventilated, the atmosphere becomes charged with carbonic acid gas, and the oxygen is consumed. Such air will be found laden with a peculiar animal vapor, readily recognized by its odor; both carbonic acid and this vapor are noisome and cannot be inhaled with impunity for a great length of time. Such air in a schoolroom is sickening in the extreme, and the effect produced upon the pupils is a sense of dullness, drowsiness, headache, and a general tiredness in the whole system; and the system becomes rapidly loaded with virulent poisons that depress the vital powers, undermine the health, and lay foundation for permanent ill-health and disease.

Ventilation involves two ideas; one to supply fresh air, the other the removal of vitiated air; rooms to be well ventilated must have provisions for the exit of used air, and this outlet for foul air must be at least the same size as the inlet for pure air.

Movements of the air in schoolrooms depend on currents produced by the buoyancy of heated air in tall flues and ducts; and these only act where the inside air is heavier than outside air; therefore, to accomplish satisfactory results, ventilation must not depend on the natural action of air in flues and ducts; but a positive and mechanical means must be applied to induce the flues to carry the air in one direction, and that with regularity.

Ventilation in cold weather by open doors and windows is always dangerous, creating chilling draughts; and no schoolroom should depend on ventilation from these sources.

Sanitary authorities agree that each pupil should be supplied with 2,000 cubic feet of fresh air per hour, and the minimum amount of cubic feet of air space that should be allowed each pupil is 300 feet, and this providing the air is changed constantly, and there should be at least 15 square feet of floor space to each pupil.

The plumbing arrangements of a schoolhouse should be perfect; and where the closets are placed in the basement of the buildings, particular attention should be given to the ventilation. Attention should be given to the playgrounds, to see that they are dry, and where outside vaults are used, connected with the sewers, arrangements should be made for their constant flushing.

Another important matter is the re-admission of school children from homes in which there has been contagious disease. This matter is now regulated by rule of the School Board and an Ordinance of the City, but provisions in relation to the return of children to school from homes in which there has been contagious disease should be very stringent, and any violation should be heavily punished.

The management of our public schools is placed in the hands of a special Board by an Act of the State Legislature. How far the City has authority to make regulations in relation to them, is a matter I am not competent to pass upon, but if such a power exists, a law governing the hygienic conditions of all schools in the city should be enacted.

Dairies.

The Ordinance passed last year governing the City Dairies, has worked a great improvement in their condition, and while there are many that are still in a bad condition, the general improvement is very marked.

The daily inspection of some of the dairies by the Veterinary Surgeon, has in my opinion greatly added to their improved condition. At present there is but one Veterinary Surgeon. While I am authorized to appoint two, I delayed making the second appointment until the dairymen might have an opportunity to arrange their establishments in accordance with the new law; but having seen the beneficial results of the inspection by the Veterinary, I have determined to appoint another, and in that way a larger number of dairies can be daily overlooked.

There is one feature of the Dairy Ordinance, the legality of which appears to be in question. It is that provision, that gives to the Board of Public Improvements, the power to designate the particular kind of catch basin to be constructed where dairies are connected with the public sewer system of the city.

The legality of this section was questioned in some of the cases brought in the Police Court, against parties not having constructed catch basins in accordance with the plan adopted by the Board of Public Improvements.

The question raised was the right of the Municipal Assembly to delegate the power to the Board of Public Improvements, to designate what particular kind of catch basin should be used; and while it was admitted that the Municipal Assembly itself would have the right to designate the form of the catch basin, it had not the authority to delegate this power to another body.

Judge Peabody overruled the objection, but he intimated in his opinion, that the point was well taken. A very similar case has been decided by the Supreme Court of Missouri in the case of the City of St. Joseph ex rel. Dannaher *v.* Walshire, 47 Mo. App. 135.

The discharge of filthy waste from the dairies into the public sewers is one of the worst features connected with the management of the dairies in the city limits.

The cost to the City in removing the obstructions caused by the manure, and the great inconvenience to the citizens living in the neighborhood of these dairies, from these obstructed sewers, make it highly important that dairies should only be allowed to be connected with the sewers, when such connection is made in a manner so as to create no nuisances.

The Dairy Ordinance is also defective in another respect, in this, that while it provides that no dairy shall be hereafter established within the city limits, unless permission to do so has first been obtained from the Municipal Assembly, the law makes no provisions for any examinations or report from the Health authorities, before such Ordinance was enacted.

I believe that a provision of this kind should be added to the Ordinance, and also that in some way the citizens in the neighborhood should have an opportunity of being heard.

Food and Drug Adulteration.

Good, pure and wholesome food properly prepared is absolutely indispensable to our well-being and is as essential as pure air and water.

The adulteration of food has been practiced in our city to a greater extent than in any of the large cities of the East, by reason of the fact that we have no law to reach the unscrupulous dealer or vender in adulterated food-stuffs and drugs.

The general character of food adulteration is principally a commercial fraud, but hundreds of cases of poisoning are recorded from the eating of canned goods, ice cream, cakes, candies, pickles, confections, etc.

Ohio, Michigan, and New York all have stringent pure food laws, and since their introduction they have shown most beneficial results.

With the object of giving the citizens of St. Louis pure food as near as possible, I had an Ordinance introduced in the Municipal Assembly from which the cream of the best laws of the various States was taken, and I sincerely hope of its early passage. I am confident that if it becomes a law, it will be followed by the most beneficial results.

From an excellent report on Food Adulteration, published by A. J. Wedderburn, Special Agent in U. S. Dep't of Agriculture, I find that cheese rind is frequently washed with arsenical and mercurial washes to protect it from flies and insects. Candy and confectionery is frequently flavored with fusel-oil (essence of banana), oil of bitter almonds, prussic acid in various forms, known as alum flavoring; coloring matter of a poisonous nature; glucose to a greater or less extent. Some candy is made without a particle of sugar, containing only glucose; such candy should be examined for sulphuric acid; the glucose itself is harmless; it is only the impurities that are to be feared. Terre-alba, which may be either gypsum or china-clay, is found in cheap candies, such as conversation lozenges. Paper colored with Paris Green or with aceto-arsenite of copper has been used as a covering for rolls of lozenges. This paper is used universally to make ornamental leaves with which cakes are ornamented. Coffee adulterations are rarely harmful; fraudulent ones are very numerous, however, as the polishing of the berry. In ground coffee, it consists mainly of the essence of coffee, burnt molasses, etc. Package coffee, composed principally of peas, chickory, rye roasted, etc. Flour is generally pure in this country, but sometimes corn-meal and rice are used to adulterate it; the principle trouble is in the use of damaged wheat. Honey is adulterated with glucose. Lard is adulterated with lime and lime-water to improve its color and add to its weight; sometimes with starch, and largely with cotton-seed oil and sterrine. Mustard is colored with chromate of lead, also with turmeric, and weighted with sulphate of lime. Horse-radish, grated, fraudulently, consists largely of turnips. Fruit jellies are simply apple jelly colored and flavored to suit. Coloring matter is often objectionable and this is true of most flavorings. In pickles, sulphuric acid and copper are the chief adulterations objected to. Preserved fruits, and apple sauce, is often nothing more than pumpkin boiled in cider. Raspberry jam is frequently made from refuse berries. In pepper we have roasted ship-bread, mustard-husks and Indian meal. In sago, potato starch. Sugar, sometimes adulterated with flour and syrups and frequently with glucose.

Tea is adulterated with other leaves; exhausted tea-leaves are said to be sent from China, while sand and dust are frequently found in the low grades. Teas are weighted between 20 and 25 per cent and black lead, prussian-blue and soap-stone are used.

Of the drugs, opium and its preparations, deficiency in required strength of tincture. Cinchona, quinine and its preparations. Quinine pills, deficiency in weight. Compound spirits of ether; absence of its most important ingredient, the ethereal oil, or a substitution therefor.

Spirits of Nitrous Ether (sweet spirits of niter), deficiency in ethyle nitrate. Salts of Bismuth, essence of arsenic. Tincture of iodine, deficiency of iodine. Iodide of potassium; excess of chloride or other impurities. Bitartrate of Potassium, excess of lime or other impurities, and substitution of starch and other ingredients. Jalap, deficiency in required strength. Cochineal, loaded with heavy foreign powders. Essential oils, adulterated with turpentine. Pharmacopoeial wines and liquors, excess or deficiency in required strength of alcohol and excess in solid residue, additions of water, alcohol or sugar.

The Brooklyn Board of Health, from analyses made by them, quote the following: —

SAMPLE.	NAME.	RESULT.
17 samples of lager beer	For salicylic acid	7 contained it.
Ice cream	" coloring matter	2 contained aniline-green.
1 sample of ice cream	" flavoring	Essence of bitter almonds.
2 cans of mackerel		Contained tin and lead.
11 samples of French peas		Three contained copper.
1 milk color		Annatto.
5 samples of macaroni		Saffron, turmeric and Martin's yellow found.
3 samples of macaroni		Saffron, turmeric and Martin's yellow found.
2 samples of cranberries		One was spoiled.
1 of canned beans		Colored with copper.
4 of candies		2 contained chrome yellow.
2 of gelatine		1 was putrid.
1 can of corn		Spoiled.
2 coffee colors		Not poisonous.
65 lactometers tested		15 condemned.

In France and Germany the use of boracic and salicylic acid has been absolutely prohibited in liquors and food products, except for export goods.

Flavoring extracts are used to a greater or less extent in all families and according to Mr. A. J. Wedderburn, who has furnished the statistics, a very small proportion of the extracts sold are pure, the majority of them being mixtures of acids and other drugs; and he says the acids and drugs used in the preparation of these goods are all more or less harmful. As a result, we not unfrequently come across wholesale poisonings from their use.

The States that have laws relative to adulterations, are New York, Michigan, New Jersey, Massachusetts, Ohio and Iowa. They have general laws.

New York and Massachusetts have special laws regulating dairy products and vinegar. New York, Ohio and California have special wine laws.

Twenty-three States have laws against the adulteration of dairy products. Illinois and Maine have stringent laws against the sale of adulterated lard. The United States have laws regulating the introduction of teas and drugs not of a standard quality, also regulating the sale of oleomargarine.

There are stringent laws in Germany, France, Belgium, Austria and Holland, and European governments require the proper branding of food and the inspection of animals sold for food both before and after slaughter.

Thus it will be seen, from the carefully compiled reports made by our government, and from the serious adulterations in our food products, the necessity of passing a proper ordinance to regulate a fraudulent traffic, not only commercial, but absolutely deleterious and detrimental to our health.

The Abatement of Nuisances on Public Property and Sanitary Measures.

Up to three years ago, the Health Department was given a fund through which it was enabled to abate unsanitary matters on public property, and also where very serious unsanitary conditions were found on unimproved property of non-residents, work could be done to relieve the neighborhood from the danger arising from such causes.

Through what I believe was a misunderstanding of the necessity of such a fund, the appropriation was withdrawn. It was stated at the time that unsanitary matters on public property could be removed by the Street and Sewer Department.

Since I have been Health Commissioner, a great many cases of nuisances on public property have been brought to my notice, and the Street and Sewer Department have had their attention called to these matters, and the recommendations made that they be abated. Very little attention has been given to these recommendations, almost invariably the answer being, that there were no funds on hand in this Department for doing this class of work.

In many instances ponds cover public property, and extend over onto private property. There may be only a small portion of the pond on the public property, but the fact that part of the nuisance exists on public property, the Health Department has been unable to compel the owners of private property to take any action, as the opinion of the law officers of the City has always been, that where a nuisance exists jointly on public and private property, the City must first abate the nuisance on her property before she can compel the citizens to abate that on theirs.

Many of these pond nuisances could be abated either by slight filling up, or by draining. Again, nuisances on property of non-residents give great annoyance in the neighborhood in which they are.

A small expenditure would rectify the evil, but the Health Department has no provision for doing the work.

The provisions of the Charter and Ordinances for the abatement of nuisances on public property, by means of special tax bills, has been found defective, and it is impracticable to do any work of this character.

In support of this, I quote the following from a letter written by the Hon. R. E. McMath, President of the Board of Public Improvements.

In a communication addressed to Hon. R. E. McMath, I asked the question, if the law relating to the abatement of nuisances on private property, by means of special tax bills, was defective; he answered as follows: —

> "In regard to the general question you ask — 'Is the law defective?' I do not know that it is technically so, but it is very badly drawn and contains provisions which are impracticable. I have especial reference to the provision which is to the effect, that all of the ground which would be covered with water, if filled until the natural escape was available, is to be included in the assessment for filling and especially for draining. This provision is absurd and renders it almost impossible to abate a nuisance by draining in whole or in part.
>
> "In many cases public streets and alleys are embraced within the limits so defined and special tax bills against the City could not be issued, no provision is made for the payment of the City's share in the cost of abating the nuisance and hence I deem it almost impracticable to do anything.
>
> "When I first came into the office as President, I found that my predecessors had let several contracts for the abatement of nuisances, which contracts were carried out. When the time to issue the tax bills arrived, I consulted with Mr. Marshall, and the conclusion reached was, to issue the bills, but Mr. Marshall's opinion was very decided that the bills did not possess the slightest validity. As the issue of a special tax bill creates a lien against the property, which is a burden to the owner, extreme caution should be always exercised not to cast a cloud upon the title of property when the collection of the bills cannot be enforced."

I consider it highly important that a fund be given the Health Department for work of this character. The work itself could be done by and under the supervision of the officers of the Sewer and Street Department, in such manner as the Board of Health might direct.

It is difficult to convince the citizens of the justice of the law that gives authority to enforce the abatement of nuisances on their property, and at the same time the City takes no steps to remedy the same class of nuisances in their immediate vicinity.

I therefore hope that in the appropriation bill of this year, provisions will be made by which the Health Department will be enabled to deal with this class of nuisances.

Tenement-Houses.

In large cities the rules of sanitary science in relation to tenement-houses should be carefully observed, and there should be ample provisions for pure air, pure water to drink and good light; and the sanitary provisions in relation to closets, vaults and yards should be very thorough in every detail.

The sanitary condition of tenement-houses is one of the most important subjects which a Health Department of a large city is called upon to deal with. A large proportion of the population live in this class of houses, and these tenement-houses present a field for sanitary work which is almost unlimited in extent.

During the past year, an examination was made of the tenement-houses, but the examination was not as thorough as I would have wished; and looking over the reports, I find that some important matters were omitted; nevertheless, the report was sufficient to enable me to form a very correct idea of the conditions of our tenement-houses, and to determine what legislation was needed in relation to them.

Our present Ordinances relating to tenement-houses are very defective; in fact owing to the vagueness of the provisions they are practically inoperative. The examinations made showed 2,451 premises on which were erected 4,436 buildings, which buildings contained 56,124 rooms. These buildings were inhabited by 18,664 families, comprising a population of 74,118 persons of whom 44,954 were adults and 29,164 were children. Eighty-one of these premises were without City water, 25 were not connected with any sewer system, while the air space, ventilation and light was found to be fair in a large portion; still in a great many these necessary conditions were defective, and in only one or two were janitors provided, to look after their condition. The plumbing and closet arrangements in many were very defective.

More than one-half of the tenement-houses are to be found in the 4th, 10th, 12th, 5th and 6th wards. The highest number in any ward is in the 4th ward, where there are 522 tenement-houses.

In the Ordinance that I have prepared a tenement-house is defined to include every building or portion thereof which is rented, leased or hired out to be occupied as a house or residence of more than two families living independent of each other, and doing their cooking on the premises, or by more than two families on any floor so living and cooking, but all having a common right in the halls, stairways, yards, cellars and water-closets. Provision is made in relation to receptacles for garbage and ashes, and it is required that there shall be at least

600 cubic feet of air space for every occupant; and where there are more than eight families in a tenement-house, the owner is required to have a janitor in charge of the building, and the owner, agent or lessee is made responsible for the condition of the halls, stair-ways, yards, cellars and water-closets, which are used in common by all the tenants. Where tenement houses are found unfit for human habitation by reason of their unsanitary condition, authority is given to order them to be vacated and remain so, until the owner place the premises in proper condition.

I believe that there should be inspectors whose special duty would be to examine and watch over the sanitary condition of tenement-houses. There is one matter which has a very important bearing on the sanitary condition of tenement-houses, and for which there should be legislation in relation thereto; namely, provision for the daily removal of garbage from tenement-houses. The ordinance in relation to the removal of garbage, provides a daily removal from hotels and restaurants, but I consider it fully of as much importance that the garbage from tenement-houses should be removed daily, as from places above mentioned.

The Ordinance which I have prepared in relation to tenement-houses, will, I hope, receive favorable consideration from the Municipal Assembly.

Meat Inspection.

In previous reports, I have called attention to the Ordinance governing the inspection of meat. Our present law is very defective, and but little real benefit is derived from the expenditure made.

I prepared an Ordinance which provided that only meat from cattle that had been inspected in this city, while alive, could be sold in this market. After the Ordinance reached the Municipal Assembly, the opinion of the City Counselor was asked in relation to its legality; and he gave his opinion that the Ordinance would be in conflict with the Interstate laws, and could not be enforced.

The Ordinance did not provide that meat of cattle slaughtered elsewhere, could not be brought here, but it provided that such meat could not be sold for human food.

I am still of the opinion, that the city of St. Louis through its Municipal Assembly could enact a law of this kind for the protection of the health of the citizens.

It is a well-known fact that cattle which have been suffering from disease can be slaughtered, the diseased portion taken off, and that it would be impossible to establish the fact that such meat was the product of a diseased animal; this is especially applicable to cattle suffering from tuberculosis or lumpty-jaw, commonly known as big head.

I am fully convinced that much of this kind of meat reaches our markets, and I recommend that a careful examination be made to learn if a law cannot be enacted by the Municipal Assembly, that will protect our citizens from this unwholesome class of meat.

If such a law cannot be enacted, I am in favor of the repeal of the present law, and the enactment of an Ordinance by which the meat inspectors would be made general food inspectors, to work under the provisions of the Pure Food Ordinance, which I have lately introduced into the Municipal Assembly.

City Hospital.

After the tornado, the only available building for a City Hospital was the one it at present occupies on Seventeenth street between Pine and Chestnut streets. Considering the House of the Good Shepherd had been deserted for many months prior to the necessity of fitting up temporary quarters for a City Hospital, there were many repairs and additions necessary to make the premises serviceable for the care of the indigent sick and injured. The changes were made with dispatch, and at present affords reasonably good accommodations. Although there were many obstacles to surmount in fitting up the hospital,— through the assistance of the Superintendent, Dr. Otto Sutter, and his very efficient corps of assistant physicians, several weeks placed the institution in such condition as to meet all demands.

The number of patients cared for at the present site is far in excess of the number cared for at the old City Hospital; and considering that our funds were limited, the work accomplished deserves laudable mention.

At present, the hospital is housing an average of 500 patients, making it an arduous task on both physicians and nurses on account of want of space and not sufficient help.

Owing to the uncertainty of how long a time the hospital may remain at its present site, only such alterations and changes as were indispensable have been recommended and approved by me, and, as our lease was only obtained for a period of two years, which will soon expire, I would suggest (as it is reasonably certain that several years will elapse before the City erects a building for hospital purposes) that provision be made to obtain an option on the premises, and make such additions as would materially facilitate the management in the discharge of his duties and the care of the sick and injured.

Insane Asylum.

The report of the Superintendent of the Insane Asylum is a very elaborate and complete recital of the many things essential to the good management and beneficial results to those who are placed in his charge.

The unceasing energy which Dr. E. C. Runge displays in the management of this institution, his personal knowledge of every patient's history and untiring efforts to make the surroundings of the unfortunate individuals as pleasing and agreeable as possible assists largely to restore the deluded and mentally unsound, to their normal reason.

The many little details which the Superintendent refers to, I think, are worthy of profound consideration, and his suggestion about the City owning its own lighting plant is certainly deserving of mature deliberation, for, in the near future, the Hospital Commission may construct eleemosynary institutions in the same locality, the lighting of which would be an enormous expenditure. The special appropriations are essential, and should be approved without hesitation, as anything which is conducive to brightening the surroundings makes a most pleasing effect upon his charges.

I hope the recommendations of Dr. Runge will receive careful investigation, as he is certainly deserving of all encouragement that can be extended to him in the way of granting appropriations.

Female Hospital.

In last year's report, the Superintendent, Dr. H. S. Crossen, called attention to the many much-needed repairs and additions. In a measure his requests have been granted, but there are still many demands not satisfied, and hence the necessity of considering the Superintendent's suggestions.

During the fiscal year, 2,452 patients were admitted; remaining on April 1st, 181, making a total of 2,633. Under existing conditions, it is very hard to find space to isolate contagious diseases, and the accommodations for the employees is such as to discourage first-class help.

Your attention is called to the Superintendent's recommendations, the importance of which is self-evident; and I sincerely hope that such alterations and additions can be procured as to facilitate the efficient administration of the institution.

The new lying-in ward which has been recently added to the hospital is an improvement much desired for the efficiency of the doctors, and the safety and comfort of lying-in women.

The building will be exclusively used for parturient women, isolating them from the other patients, which immunes them from the infections and annoyances, such as they have been subjected to, owing to the crowded condition of the hospital.

The exterior of the hospital would be much improved, if an appropriation were made for painting, and certainly would be an economy, as the wood work and walls are being much damaged from lack of such.

I recently forwarded a communication to his Honor, the Mayor, calling attention to the social status of patients in the Female Hospital, which is here appended.

Referring to the Ordinances, this hospital was supposed to be a home and industrial institution for prostitutes and unfortunate women, but owing to the great demands on the Department, women and children of all ages and colors had to be intermingled under the same roof, polluting many innocent.

> "In considering certain questions affecting the status of the Female Hospital, and in order to learn what laws and ordinances had any bearing on the Hospital, I have made an examination of the records. As a result of the same, I have found that there are several points that should be carefully inquired into before the Hospital Commission decides on any definite plans to be recommended to the Municipal Assembly in relation to the establishment of a new Hospital."

In 1870 by an Act of the Missouri legislature, a law was enacted to regulate the Social Evil in the City of St. Louis, and, under the authority of this Act, the City of St. Louis on August 13, 1872, purchased a tract of land of about fourteen acres and some buildings on the north line of Arsenal street, City Block 4055, for the sum of twenty-eight thousand dollars ($28,000) which sum was paid out of the fund for "Social Evil and House of Industry" and which fund had been collected from the prostitutes of the city; subsequently, other sums were paid out of the same fund for the erection of buildings. (See ordinances Nos. 8094 and 8208.)

In 1874 the Legislature repealed the Social Evil Act, and then passed a law directing how the Hospital purchased and built out of the funds collected from prostitutes should be disposed of. Under the provisions of this last Act, this Hospital was to be maintained by the City for the use of the prostitutes and it was forbidden to send this class to any other City Hospital. The law required the City to make appropriations for the maintenance of this Hospital and also provided it should be a temporary home for those who desired to reform.

In order to carry out the provisions of this Act, the City Council passed Ordinance No. 8910 entitled "An Ordinance to authorize the establishment of a City Hospital for Females" and this Ordinance provided that this Hospital should be known and designated as the "ST. LOUIS FEMALE HOSPITAL AND INDUSTRIAL HOME."

From June, 1874, until July, 1877, this Hospital was controlled and managed by the Board of Health, under the provisions of Ordinance No. 8910; and from July, 1877, up to the present time, it has been under the different Health Commissioners of the city.

From all I can learn, the prostitutes have always been admitted to the Hospital when sick, and, after they have recovered, were discharged. It does not appear that any attempt was ever made to create a home or provide this class with any occupation, or to treat them differently in any way, than other patients.

I believe the following suggestion should be determined: —

First. Whether the Charter adopted in 1876 did, in any way, affect the Act of the Legislature passed in 1874 in relation to this Hospital.

Second. Did the Charter repeal Ordinance No. 8910?

Third. Is the name of the Hospital still the same as designated by Ordinance No. 8910?

Fourth. Have the prostitutes of the city at this time the rights and privileges given them by the Act of the Legislature in 1874 in connection with this Hospital?

I have always deplored the necessity of sending children and women, not prostitutes, to this Hospital, and it is now, and always has been, impossible to prevent the promiscuous mixing of the two classes. The great wrong done by this compulsive mingling of the innocent and virtuous with the bad and depraved, has appealed to me very strongly, and I hope that before I leave this office I will see it righted. Since I have been in office, several of our citizens have spoken to me on this subject and deprecated the condition of affairs at this Hospital in this regard.

If this property must remain and it is to be used as directed by the Legislature and Ordinance 8910, then another Hospital must be provided for virtuous indigent women and children.

If the City can use this Hospital for general uses, another Hospital for prostitutes should be provided. If an Act of the Legislature is necessary, before the City can make any changes regarding this Hospital, then steps should be taken to have such an act passed.

I therefore suggest that you submit all the facts in relation to this Hospital to the City Counselor and request his opinion of the status of the laws and ordinances relating to this Hospital.

Poor House.

Considering that our city has increased in population within the last decade, it was a trying task to accommodate all that made application for a home in the Poor House.

When the disastrous cyclone of May 27th, 1896, struck our city, it destroyed in part two of our buildings of this institution, making them uninhabitable. To meet the emergency of the winter months, as there is always an influx of paupers, it was necessary to provide temporary quarters, designated the Barracks.

I desire to call your attention to the condition of the Insane Department at this institution, being much overcrowded. The necessity, under existing circumstances, of keeping inmates constantly in their wards, is inhuman and unsanitary. It is utterly impossible to permit the insane to exercise or to give them any freedom of the grounds, owing to the large number of paupers.

I would recommend that the incurable insane be provided with quarters separate from the Poor House under the supervision of the Superintendent of the Insane.

The bakery of the Poor House is a self-sustaining and money-making industry, supplying all our institutions. The expense for the bakery during the fiscal year was as follows:—

Credits	$31,227 72
Expenses	25,204 78
Profit	$6,022 94

The present building occupied for the bakery is an old ramshackle structure, which affords scarcely space enough to accommodate the demands, and furthermore is so constructed that it cannot be kept in a cleanly condition.

I would recommend that more spacious quarters be provided for, and equipped with modern improvements, such as granitoid flooring, cement walls, ceilings, etc.

The Poor House Dairy has not been a success as heretofore conducted, but if suggestions I have made in a letter addressed to the Hon. Isaac H. Sturgeon, Comptroller of our city, are carried out, it would insure a more wholesome milk at a less expense.

"Last year the State Veterinarian inspected the cows at the Poor House, and, after a thoroughly scientific test, found that they were affected with tuberculosis. The cows were quarantined and are still in quarantine. Since then the fact has been shown that his opinion was correct and a number of the cows died from general tuberculosis, or consumption. We have had a number of post-mortem examinations made, which verified the diagnosis. It is not safe to use the milk.

"I believe a dairy at the Poor House could be made a paying investment and insure our patients of good, pure and wholesome milk.

"Out of the old material which was gotten from buildings which were blown down by the cyclone, we have built an excellent stable and we are prepared to take good care of the stock.

"In the previous dilapidated condition and with our inadequate supply, the milk cost us but twelve cents per gallon, from one cent to a cent and one-half cheaper than we bought it by contract, and I believe if an appropriation were made sufficient to purchase cows to furnish the milk for all the Institutions, that we could do so at a cost not greater than ten cents per gallon.

"I would therefore ask that in the temporary appropriation bill, twenty-four hundred dollars ($2,400.00) be appropriated to buy the cows we require for immediate use; and later on, in the general bill, that sixteen hundred dollars ($1,600.00) more be allowed us.

"With that sum of money and the present favorable conditions for maintaining a dairy in our new quarters, we will be enabled to furnish a pure and essential article at a much reduced cost."

Under the present regime many additions have been made to adorn and beautify the grounds, and the condition of the Institution on a whole has been kept very satisfactorily.

Mr. J. L. Oberbeck, the Superintendent, deserves credit for his unceasing energy in supplying all the demands made on the Institution this past year.

Dispensary.

The changes made last year in the Dispensaries and ambulance service have proven a success and demonstrates to me the necessity of the provision I have made for the immediate care and transportation of individuals sick or injured. The changes have satisfied me of the importance of having branches of the City Dispensary in the North, South, and in the Western portions of the city (where I have an ambulance station) enabling the poor and indigent of all sections of the city to have the same prompt care and attention.

The cases treated in the Central and Branch Dispensaries are only such persons as have no available means of support. Every case is thoroughly investigated before receiving treatment, and the enormous increase of applicants for charity treatment makes it compulsory to exercise the most rigid rules for whom to prescribe.

The Chief Dispensary Physician devotes a large portion of his time in inspecting and carrying out rigidly the rules I have made in regard to the treatment of such as visit the dispensaries. Dr. Jordan, who has many important duties to attend to individually, visits the various dispensaries at regular intervals, and, being located at the Central Dispensary, has ample opportunity to observe the class and character of individuals treated, preventing any abuse of the charity prescription fund; and to his skill and good judgment, the Dispensary service ranks with that of any other Municipality.

Method of Transportation of Patients to Quarantine.

I desire particularly to call attention to the method now in vogue of transporting patients who are sick with pestilential diseases to the Quarantine Hospital. The Hospital is situated twelve miles from the heart of the city. The roads are broken and uneven and in some places scarcely passable. At times it is almost impossible to reach Quarantine by the only public highway available.

The patients sent to Quarantine from the city, upon reaching their destination, are found in a most exhausted condition, and the danger to the patient is necessarily increased, by reason of the long ride in the ambulance. The City should provide a better method of transportation, and I would suggest the purchase of a small steamboat to transfer patients to Quarantine Station. It would be a saving of the stock, would add materially to the comfort of the unfortunates who are compelled by our law to go there for treatment; would obviate the danger of contagion which can follow by ambulances passing through our city.

It is true we do not at all times have these diseases with us, but the history of this Department has shown the fact that scarcely a year passes but what we are called upon to treat many cases of this character.

Work House.

I regret exceedingly that I must reiterate the recommendations made in my last year's report. In reference to the buildings, there are many improvements and changes absolutely necessary to make the Workhouse a sanitary and humane institution. The quarters occupied by the male prisoners are an outrage on civilization, considering the air space allotted to each individual, ten prisoners being confined in a cell not sufficiently large for four. The use of night soil buckets, the method of ventilation and heating, are all detrimental to health.

It seems but reasonable, even though the inmates of the Workhouse are of the lower social strata, a municipality has not the privilege to incarcerate human beings and compel a penal servitude in an institution that is a jeopardy to the physical health.

Within the last two years I have been a frequent visitor, and must confess my surprise at the overcrowded condition of the male building, feeling that it was unjust and inhuman to subject the inmates to such surroundings. The majority of those confined are individuals much vitiated physically by excessive dissipation, and, considering the task they are supposed to perform daily, I think it is very essential that they should have spacious quarters.

The physician in charge has a very arduous task to do justice to those that come under his observation. There are no quarters for the sick and injured, and many times he is called upon to treat a patient who is not dangerously ill, but who should have every possible attention and rest. There should be a suitable hospital ward erected and placed under the charge of a practical nurse. The present arrangement of removing sick prisoners from the Workhouse to the Hospital has many objections, and it is impossible to safely guard sick or injured prisoners in the City Hospital.

The Female Building, with a few changes, could be put into good sanitary condition.

The Superintendent has kept the premises in as cleanly a condition as possible, and through his efforts has succeeded in keeping the inmates in a fairly healthy condition.

The diet is reasonably good, but would recommend that the prisoners get vegetables three times a week.

Considering that all the material for the construction of a new building can be procured on the Workhouse premises, and labor furnished by the prisoners, I would respectfully recommend that some effort be made to place the Workhouse in a more spacious and sanitiary condition.

City Jail.

The health of the prisoners in the jail has been very good, but in my last year's report I made several recommendations which I think are absolutely necessary. The incarceration of all kinds and classes of individuals makes it a hard matter for the jailer to keep the jail in a cleanly condition, without the necessary arrangements to secure cleanliness of the clothing and person of the individual prisoners.

I made an imperative demand for baths, in the form of shower-baths, which could be easily arranged for and very materially facilitate the cleanliness of the jail, but it has not been acted on.

I also recommend a fumigating room, which is equally as important as the bathing, because many times individuals are received who are alive with vermin, and, as the City does not furnish a jail garb or clothing, you can readily appreciate the conditions that must follow.

The hours and method of feeding prisoners should be better regulated. If possible, tables should be provided to accommodate forty or fifty prisoners, and they should be fed about the hours of 8 a. m. and 4 p. m.

The hospital facilities for prisoners should also be considered, as at present when an inmate is suffering with an acute disease and requires hospital treatment, he or she must be sent to the City Hospital, where the accommodations for safety are wanting.

I therefore request the Municipal Assembly to consider the necessity of my recommendations and supply the jail with shower-baths, fumigating rooms and hospital wards, and, as a matter of course, nurses to provide for the sick.

Crowded Institutions.

In my last annual report special attention was called to the crowded condition of the Institutions. I stated that the limit of the capacity for housing the unfortunates who were sent there, had been reached several years ago, but a review of the figures will show that the conditions this year are far worse.

The City must grapple with this proposition before long and it is my hope that the Hospital Commission will be enabled to find means to correct this unfortunate existing condition. Every eleemosynary institution in the city, at the end of the fiscal year, was taxed to such a capacity that it necessitated the crowding of patients into a space certainly not conducive to their well-being or recovery.

The old City Hospital which was larger and more airy in every respect, had on last year 10,071 patients. This year, in the temporary hospital, there were treated 11,860 patients.

The Poor House and Insane Department had 65 patients in excess of last year.

The Female Hospital had 330 patients more than last year.

The Insane Asylum had 92 patients in excess of last year.

Trained Nurses.

During the last fiscal year trained nurses, graduates of some Training School, have been employed at the City Hospital and Female Hospital with most satisfactory results. Since I introduced the services of professional nurses, the management of the Institutions have been very materially assisted in the care of patients, and especially cases of a critical nature.

Nurses at the City Hospital are supplied by the St. Louis Training School; two corps, one day and one night.

The Female Hospital employs a number of graduates and has two nurses, detailed for the lying-in ward for a period of six weeks, from St. Luke's Hospital.

The only disadvantage that we now have to contend with, is the deficiency of funds for salaries of trained nurses. Our hospital service would be much improved if we could double our present force.

Building for Feeble-Minded Children.

I urge the necessity of establishing a hospital or home for feeble-minded children and epileptics. Cases of this kind are brought to my attention almost daily, with the request that they be placed in some of the City institutions, to be cared for. The Insane Asylum and the Insane Department of the Poor House are the only available places at the disposal of the Health Department.

It is to my mind radically wrong to send weak-minded children and epileptics to an institution to mingle with the insane, and it is certainly not conducive to their recovery.

Separate and distinct quarters should be provided for the treatment of such cases, and I recommend that the Municipal Assembly, by Ordinance, provide suitable places on the grounds of the Insane Asylum for the care and treatment of such patients, to be under the supervision of the Superintendent of that institution.

MAX C. STARKLOFF, M. D.,
Health Commissioner.

I.

ANNUAL REPORT OF THE BACTERIOLOGIST.

I have the honor to herewith submit the Third Annual Report of the Bacteriological Division of the Health Department for the fiscal year ending March 31st, 1897. The bacteriological work has been carried on in the bacteriological laboratory of the City Chemist's office, and the experimental inoculations upon horses for the production of antitoxin at the Poor House.

We have examined during the year, 956 culture tubes for the diagnosis of diphtheria; 324 specimens of sputum for the diagnosis of tuberculosis, and 37 blood specimens for the diagnosis of typhoid fever.

11,645 cubic centimeters of diphtheria antitoxin have been distributed free to 146 physicians for the treatment of diphtheria or for immunizing purposes.

The following table shows at a glance the work on culture tubes:

TABLE NO. 1.

AGE.	TRUE DIPHTHERIA.																		NOT DIPHTHERIA.																					Total at age given.
	First			Second			Third			Fourth			Fifth			Sixth			First			Second			Third			Fourth			Fifth			Sixth			Seventh			
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male	Female.	Total.	Male.	Female.	Total.	
Under 1 year.	3	2	5																1	4	5	1	1	2																12
1	2	6	8																3	9	12		1	1																21
2	9	11	20	1	2	3													8	9	17	2	2	4	2	2	4													48
3	10	15	25	1	1	2	1	1	2										13	14	27	2	2	4	1		1													61
4	15	22	37	2	1	3													13	8	21	2	1	3	2	1	3													67
5	18	13	31	1	2	3	1		1										6	13	19	2		2	1	1	2	1		1										59
6	21	20	41	2	2	4	1		1	1		1	1		1				12	11	23	5	2	7		1	1							1		1				80
7	12	10	22	2	3	5		1	1										15	14	29	1	1	2	2	2	4		1	1										64
8	12	10	22		2	2													10	5	15	1	2	3																42
9	11	8	19	2	3	5	1	1	2		1								12	7	19	5	3	8							1		1							55
10	11	8	19	4	1	5		1	1		1	1		1	1		1	1	8	8	16	3	1	4							2		2					1	1	51
11	5	6	11		1	1													6	6	12	3	2	5	1		1													30
12	5	9	14	3		3													6	3	9	4	1	5																31
13	6	5	11	2	1	3	2		2										3	2	5							1		1										22
14	5	8	13	1	2	3		1	1		1	1							2	4	6		2	2		1	1					1	1							28
15	1	2	3		1	1													4	3	7	1	2	3		1	1													15
16	3	1	4	1		1													1	3	4				1		1													10
17	4	6	10		1	1													1	6	7	1	1	2		1	1													21
18		3	3		1	1													1	6	7	1	2	3		2	2		1	1										17
19	1	3	4																3	5	8		1	1		1	1		1	1										15
20	1	3	4																2	3	5		1	1																10
21	1	2	3																6	2	8																			11
22		3	3																2	4	6	1	1	2																11
23	1	2	3																5	3	8																			11
24	3	3	6																3	5	8	1	1	2																16
25	2	3	5		1	1		1	1										1	3	4		1	1																12
26		1	1																1		1																			2
27	1		1																1	1	2	1		1																4
28		1	1																1	2	3																			4
29	1		1																1	1	2	1		1	1	1	1	1												5
30	5	1	6																1	2	3																			9
31																				1	1																			1
32	1		1																	1	1																			2
34		1	1																1		1																			2
35																			2		2																			2
36		1	1																	1	1																			2
38																				1	1																			1
40		2	2																1		1																			3
42																			1		1																			1
43																				1	1																			1
44		1	1																1		1																			2
46		1	1																																					1
49																			1		1																			1
52																				2	2																			2
56																			1		1																			1
Age not given.	6	5	11	1	1	2													8	8	16	14	13	27		2	2	3	2	5	1	2	3							66
Total ..	176	198	374	23	26	49	6	6	12	2	2	4	1	1	2		1	1	168	181	349	52	44	96	11	15	26	5	5	10	4	3	7	1		1		1	1	932

True Diphtheria:			
First	374		
Second	49		
Third	12		
Fourth	4		
Fifth	2		
Sixth	1		
	442		
Not Diphtheria:			
First	349		
Second	96		
Third	26		
Fourth	10		
Fifth	7		
Sixth	1		
Seventh	1	490	
			932
Inoculation not satisfactory			23
Total number of tubes received			955

The value of the culture tube for the early diagnosis of diphtheria, especially in doubtful cases, has again been fully demonstrated, and leads to a repetition of the conclusions expressed last year.

The examination by a competent bacteriologist of the bacterial growth in a blood serum tube which has been properly inoculated and kept for fourteen hours at the body temperature, can be thoroughly relied on in cases where there is a visible membrane in the throat if the culture is made during the period in which the membrane is forming, and no antiseptic, especially no mercurial solution, has lately been applied.

In cases in which the disease is confined to the larynx or bronchi and where there is no visible exudate against which the swab can be rubbed, surprisingly accurate results can be obtained from the examination of the cultures, but in a certain proportion of the cases no diphtheria bacilli will be found in the first culture, and yet will be abundantly present in later ones, the bacilli probably having been coughed up more freely as the disease progressed. We believe, therefore, that an absolute reliance for a diagnosis cannot be placed in a negative result in a single culture from the pharynx in purely laryngeal cases. A great majority of the most eminent practitioners and bacteriologists now support the statement of Welch and Baginsky, that in a great proportion, fully 95 per cent of the diphtheria cases in which one would unhesitatingly make the diagnosis by the clinical symptoms, the Loeffler bacillus is invariably found in the throat secretions, providing proper precautions are observed in making the culture.

There are two classes of cases, however, that although they present little clinical evidence of diphtheria, still show the presence of the diphtheria bacillus. First, cases clinically simple, catarrhal inflammation of the nose, pharynx, and recently we have seen two of the eye, without membrane; and secondly, cases which clinically resemble follicular tonsilitis, with or without a small amount of membrane.

In the simple catarrhal diphtheria, the catarrhal inflammation is caused either by bacteria other than the Loeffler bacillus, and its presence is accidental, or the inflammation is caused by a diphtheria bacillus of so low a grade of virulence that it does not cause the formation of a membrane.

In the class clinically resembling follicular tonsilitis, diphtheria bacilli of the very highest grade of virulence have been found by a number of observers; notably Park of the New York City Board of Health, who reports finding a bacillus in a case of this character that so greatly exceeded in virulence that of any diphtheria bacillus ever examined by him, that its cultures are now used in the preparation of toxin for injecting horses for the production of antitoxin, not only in his own laboratory, but in a number of the principal municipal laboratories of the country.

The danger in these cases lies in the fact that inasmuch as they are considered not diphtheria, quarantine restrictions are thought unnecessary and the sick are allowed to associate freely with the well, thus disseminating the disease; or in young children the disease may suddenly invade the larynx, as is shown in case No. 7 of our death list.

The virulence of the bacilli in the culture tubes was ascertained in 18 cases; in one a non-virulent bacillus was found from a case of follicular tonsilitis; in another the virulence was of so low a grade that 2 c. c. of a 48-hour-old broth culture killed a guinea-pig in thirty days. All the remainder were fully virulent.

We have not succeeded in separating out in a pure culture the so-called *pseudo-diphtheria bacillus*, although we have undoubtedly had it several times in our culture tubes.

The length of time during which the bacillus remains alive and virulent in the throat of a patient convalescent from diphtheria, varies from a few to many days. The longest time in our experience is 45 days, but Dr. Goodall of the East London Hospital for Infectious Diseases told the writer that in one case in the hospital in a convalscent from diphtheria he had found the bacillus constantly present for 202 days. This is very probably the longest time recorded. In a great majority of cases the bacilli disappeared within two weeks.

Transmission is therefore possible, so long as virulent bacilli remain alive in the throat of those convalescent from the disease. It has been quite frequently shown, as we also demonstrated in the case of the Episcopal Orphans' Home last year, that virulent bacilli may live in the throat of healthy persons that have associated with diphtheria patients, and be the means of communicating the disease to others.

I wish here again to emphasize the importance of the secondary culture. No physician, no matter how great his skill and acumen, is able to say by inspection of the throat of a convalescent from diphtheria whether or not the bacillus has disappeared from it, for as long as the bacillus remains alive in the throat secretions, just so long is that patient a menace to the health of the public. Therefore, all cases of diphtheria should be isolated and kept so until the bacillus is proved absent from the throat secretions, by repeated bacteriological examinations.

Persons in intimate contact with diphtheria cases are very liable to have the diphtheria bacillus in their throat secretions and are therefore dangerous members of the community, for although showing no symptoms of the disease themselves, may be the means of transmitting it to others. Houses in which diphtheria cases occur should not be disinfected nor should placards be removed until the bacillus is proved absent from the throat secretions of those that have been sick with the disease. This applies especially to boarding houses, tenement houses and hotels. Children should not be allowed to attend school from a house in which a case of diphtheria exists, and a child that contracts diphtheria while attending school, should not be permitted to return *until able to present a certificate from the Health Department showing that a satisfactory bacteriological examination has proved the bacillus to be no longer present in the throat secretions.*

ANTITOXIN.

A detailed description of the method employed by this department in the preparation of antitoxin was given in the report of last year.

Briefly reviewed, the method is as follows: First, securing highly virulent cultures of the diphtheria bacillus by passing it in succession through several guinea pigs. Secondly, preparing diphtheria toxins, by sowing virulent diphtheria bacilli in a specially prepared broth. Last year, we obtained fairly virulent toxins according to the method of Spronk. This year, we make the broth after the method advised by Park of the New York Health Department, and constantly succeed in producing toxins of very high virulence (i. e., 1/250 of a cubic centimeter kills a 300 gramme guinea pig in 24 to 36 hours). Thirdly, inoculating strong, healthy young horses with gradually increasing doses of the virulent toxins, until very large doses are given without producing a decided reaction. The horse is then bled by inserting a canula into the jugular vein, and collecting the blood in sterile vessels. As soon as the serum has separated, it is drawn off, a preservative (tricresol) added to it, and then filtered and bottled. It is now tested to ascertain its antitoxic strength, by mixing definite quantities of it with a lethal dose of toxin, and injecting the mixture subcutaneously into a guinea pig of known weight.

An antitoxin unit (Behring) is ten times the amount of antitoxin that will protect a guinea pig weighing 250 grams from death, when injected subcutaneously with ten times a minimal lethal dose of toxin.

The blood of each of our three horses has an antitoxic strength of 150 units (Behring) to one cubic centimeter, or 10 c. c. contains 1500 units, a curative dose.

We hope in the near future to be able to produce antitoxin of even greater potency, as one of our horses seems capable of taking, without injury, much larger quantities of toxin than the other horses, which seem to have reached the limit compatible with health.

This year we have distributed free to physicians 11,645 cubic centimeters of antitoxin for the treatment of diphtheria, or for immunizing purposes.

In January a number of new stations were established, and the following cards and circular sent to the physicians of the city:—

DIPHTHERIA ANTITOXIN.

ANTITOXIC SERUM.

Antitoxin in quantities sufficient for the treatment of cases of diphtheria is now made and suppled free to physicians by the Health Department, and may be obtained upon application any hour of the day or night at the City Dispensaries; Central Dispensary, City Hall; Branch No. 1, No. 3618 North Broadway; Branch No. 2, No. 3562 South Broadway; and at the City Chemist's Office, from 9 A. M. until 5 P. M. The physicians must, however, agree to send to the City Chemist's Office, swab cultures made from the throat secretions of the case, and a written history upon blanks furnished for that purpose.

Diphtheria culture, Typhoid Fever and sputum outfits for free distribution to physicians may be had on application at the stations named on the reverse side of this card. (Over.)

City Chemist's Office	1141 Market street.
Central Dispensary	City Hall.
North Side Dispensary	3618 North Broadway.
South Side Dispensary	3562 South Broadway.

Allen	716 Olive street.
Andreas	Grand avenue and Shenandoah street.
Arcade Pharmacy	Arcade (Cabanne).
Bartlett	3201 Chestnut street.
Bang	1331 Franklin avenue.
Braun	2631 Gamble street.
Braun	700 Chouteau avenue.
Friedewald	2738 Chouteau avenue.
Hagenow	1424 Chouteau avenue.
Harris	Olive and Sarah streets.
Heitmeyer	1800 South Broadway.
Hemm	3860 South Broadway.
Heyer	501 Franklin avenue.
Hoenny	Grand avenue and Natural Bridge road.
Kaut	1800 Lafayette avenue.
Klie	5100 North Broadway.
Klipstein	1600 Franklin avenue.
Lehmann	1451 Old Manchester road.

Lehmann	2601 Washington avenue.
May	Garrison and Washington avenue.
Menkhaus	4584 Easton avenue.
Niemann	2711 Gravois avenue.
Ochsner	3849 Finney avenue.
Pardee	Easton avenue and King's Highway.
Pickett	2601 Chestnut street.
Sassman	Lafayette and Nebraska avenue.
Schoenthaler	1800 Sidney street.
Smith	1101 Madison street.
Temm	1926 North Grand avenue.
Ude	Grand avenue and Gravois road.
Westminster Pharmacy	4267 Olive street.
Woerlin	7031 South Broadway.
Wurmb	Eleventh and Salisbury street.

DIRECTIONS FOR THE ADMINISTRATION OF DIPHTHERIA-ANTITOXIN, PREPARED BY THE HEALTH DEPARTMENT OF THE CITY OF ST. LOUIS.

DIPHTHERIA.

It is impossible to clinically differentiate many cases of diphtheria from other acute inflammations of the upper air passages. Diphtheria does not in all cases produce an exudate. An exudate does not always mean diphtheria. Diphtheria frequently simulates follicular tonsilitis, pharyngitis, acute and subacute rhinitis — especially acute follicular tonsilitis. On the other hand, inflammations of the upper air passages which are accompanied with an exudate may be caused by micro-organisms other than the bacillus diphtheriae, viz., the pus organisms (streptococcus pyogenes; the staphylococcus aureus and albus), the pneumococcus and the bacillus of Friedlander.

If the case is one of diphtheria, cultures should be taken every five or six days after the disappearance of the membrane. This is to determine when the bacillus diphtheriae disappears. So long as the bacillus diphtheriae is to be found the case is liable to impart the disease to others. The bacillus may remain in the throat secretions for a long time — even weeks — after the patient has apparently convalesced. The same rule and precautions should be exercised in making the later cultures as are recommended for the first.

DIPHTHERIA-ANTITOXIN.

The diphtheria-antitoxin herewith furnished is prepared from the blood of the horse. It contains 0.4 per cent of trikresol added to it for its preservation, and has been filtered through unglazed porcelain. If kept in a cool place, away from the light, it will maintain its strength unimpaired at least six months. The diphtheria-antitoxin is put up in vials bearing a label on which is stamped the number of the horse, the date upon which the blood was drawn from him, and the number of antitoxin units contained in the serum measured according to the Behring standard.

An antitoxin unit (Behring) is ten times the amount of serum that is required to protect a guinea pig weighing 250 grams from death when 10 times a minimal lethal dose of toxin is mixed with the serum and the mixture injected subcutaneously into the animal.

INDICATIONS FOR USE.

To obtain the best results, the diphtheria antitoxin should be administered in the early stages of the disease. The earlier it is administered the more certain and rapid is the effect. In mild cases, in the first 24 to 36 hours of the disease not less than 1,500 units should be given; when the treatment is begun late in the disease or in severe cases, and especially in croup, the initial dose should be from 3,000 to 6,000 units; in cases in which marked improvement does not follow the first dose in from 12 to 24 hours the remedy should be given a second or third time, depending on the symptoms at intervals from 12 to 24 hours.

As a prophylactic in cases of children or adults that have been exposed to diphtheria, 300 to 500 units will usually be sufficient. The immunity thus induced will last from four to six weeks.

INJECTION.

The syringe and needle should be sterilized in boiling water just prior to use. The injection should be made into the loose skin over the abdomen, or on the outer side of the thigh. The skin should be thoroughly disinfected by a solution of bichloride of mercury or some other disinfectant, the puncture being closed with flexible collodion.

The remedy is quickly absorbed, therefore massage over the site of injection to hasten absorption is not necessary.

Max C. Starkloff, M. D.,
Health Commissioner.

The antitoxin is distributed free to physicians in liberal quantities, for which is asked in return, a written history of the case in which it is used upon a blank furnished for the purpose. It seems to us, that courtesy, if nothing else, would prompt physicians to perform the simple and easy task of writing a history of the case in which the antitoxin was used; but the evidence of the last two years does not warrant such a belief. Although we have distributed 22,495 cubic centimeters of antitoxin, we have received in return histories for only 486 cases in which the antitoxin was used for treatment, and 396 cases immunized with it.

In the fall of 1894 I began a series of experiments upon horses at quarantine for the production of antitoxin, and the work was fairly under way, when an outbreak of smallpox stopped it. In May, 1895, the horses were removed to the Poor House, and the inoculation experiments resumed. September 1st, Sam's blood was found to have an antitoxic strength of 60 units to the cubic centimeter, and he was bled for the first time; the serum being ready for distribution September 20th. From that date to April 1st, 1896, 10,850 c. c. were distributed to 128 physicians. Twenty c. c. of this serum was a curative dose, and contained 1500 units (Behring.)

This year we have distributed 11,645 c. c. to 146 physicians, the antitoxic strength of which is twice as great as that of last year, or 10 c. c. contains 1500 units.

The following tables show the results of the treatment of 144 cases of diphtheria with the antitoxin distributed this year, taken from the reports sent to us by the attending physicians, and of 340 cases in which antitoxin was used for immunizing purposes.

Tables 2 to 15 show the results of every case treated by physicians with our antitoxin. Number 16 the results of immunization. The tables following speak for themselves, and are compiled from various sources.

ANTITOXIN.

THE ACTION OF ANTITOXIN IN THE BODY.

Behring's first idea that there is a direct destructive action between antitoxin and toxin when they meet in the body, or some neutralizing effect, such as that which takes place when acid and alkalies are mixed together, has been shown to be incorrect. Roux, Calmette and others have shown that the antitoxin has no direct destructive action upon the toxin, but in some way unknown prevents the toxin from exerting its destructive action on the body cells. Buchner showed that there was no destructive action of the antitoxin either within or outside the body, but that the antitoxin seemed to produce certain changes in the cells, which render the action of the toxin inert.

Wm. H. Welch in a review of the history of antitoxin (the treatment of diphtheria by antitoxin, Bulletin Johns Hopkins Hospital), says: "The first publication clearly demonstrating the principles of serum therapy, was made by Behring and Kitasato on December 4th, 1890, in an article in the Deutsche Medicinische Wochenschrift, entitled "Ueber das Zustade-Kommen der Diphtherie-Immunitaet und der Tetanus-Immunitaet bei Thieren."

The first public announcement of the demonstration of the power of the blood-serum of animals artificially immunized against diphtheria to protect and cure susceptible animals inoculated with the diphtheria bacillus or its poison, was made by Behring in the report of the experiments made by himself and Wernick, and communicated to the Congress of Hygiene and Demography held in London, August, 1891. The first trial of immune serum in the treatment of human diphtheria, was made in Von Bergman's Clinic in Berlin in the autumn of 1891. In April, 1894, Ehrlich, Kassel and Wassermann reported briefly the results of serum treatment of 233 cases, in six Berlin hospitals with a mortality of 23 per cent, and the era of serum treatment of human diphtheria by approximately sufficient doses of antitoxin really begins with this publication.

It is evident from this brief summary that the general principles of serum therapy of diphtheria were fully established, and its application to human beings in active operations, before Roux delivered his memorable address on the subject at the Eighth International Congress of Hygiene and Demography, held in Budapest September 1, 1894, three years after Behring's original communication to the preceding Congress in London; Roux presented the subject with such clearness and force, and with such an array of convincing and careful analyzed statistical evidence, that the attention of the great body of physicians throughout the world, who had paid little heed to the previous work, was arrested and the question of the healing power of diphtheria antitoxin became and has continued to be, the foremost medical question of the day. Up to the present time many thousands of cases have been treated with it, and over 50,000 cases of disease treated with antitoxin have been recorded.

CURATIVE AND IMMUNIZING VALUE OF ANTITOXIN.

If a susceptible animal, such as the guinea pig, be given a dose of antitoxin at the same time, or a little before it is inoculated with living diphtheria bacilli or diphtheria toxin, it will invariably recover; for the antitoxin in some way unknown prevents the poisonous effect of the toxin upon the animal's tissues.

Welch (Johns Hopkins Hospital Bulletin) says: "The laboratory does not furnish any more impressive experiments than those which demonstrate the power of antitoxic serum to prevent and cure the disease caused in animals by inoculation with the diphtheria bacillus or its poison. The serum arrests the spread of the local process, and abates the symptoms of general toxoemia. These experiments prove beyond question that this healing serum possesses properties which are directly and powerfully antagonistic to the toxic action of the diphtheria bacillus, and there is no good reason to doubt that under similar circumstances this antagonistic power so readily and surely and uniformly demonstrable in the case of lower animals, will manifest itself also in human beings.

In animals the curative dose of antitoxin stands in definite quantitative relation to the size and susceptibility of the individual, and to the amount and intensity of the poison.

CURATIVE SERUM.

If an animal be first inoculated with the diphtheria toxin or the living germs, and a short time after injected with antitoxin, it may recover if the dose be sufficiently large; but if it be withheld until the animal shows profound toxoemia the antitoxin will prove valueless, no matter how large an injection be given.

The practical lesson taught by these experiments, coupled with experience obtained by the treatment of many thousand cases of the disease in man, indicate that the remedy should be given as early as possible in the disease, and in sufficient quantities.

The question as to what quantity constitutes a curative dose, is a difficult one. It depends, however, upon the age of the patient, the severity of the symptoms and the assumed duration of the disease.

It must be distinctly understood that antitoxin although a specific remedy for diphtheria in its early stages, has its limitations; at no time in the disease, no matter how mild or severe the case, should its administration be neglected. Still let it be remembered that it cannot restore life to cells that have been killed or injured by the diphtheria poison.

The report and conclusions of the Paediatric Society's antitoxin investigations are here introduced, as it contains the report of 615 physicians from all parts of this country, and are of great value.

The following is the report of the Committee:—

1. The report includes returns from 615 physicians. Of this number 600 have pronounced themselves as strongly in favor of the serum treatment, the great majority being enthusiastic in its advocacy.

2. The cases included have been drawn from localities widely separated from each other, so that any peculiarity of local conditions to which may be ascribed favorable reports must be excluded.

3. The report includes the record of every case returned, except those in which the evidence of diphtheria was clearly questionable. It will be noted that the doubtful cases which recovered have been excluded, while doubtful cases which were fatal have been included.

4. No cases of sudden death immediately after injection have been returned.

5. The number of cases injected reasonably early, in which the serum appeared not to influence the progress of the disease, was but 19; these being made up of 9 cases of somewhat doubtful diagnosis, 4 cases of diphtheria complicating measles, 3 malignant cases in which the progress was so rapid, that the cases had passed beyond any reasonable prospect of recovery before the serum was used. In two of these, the serum was of uncertain strength and doubtful value.

6. The number of cases in which the patient appeared to have been made worse by serum, were 3, and among these there is only one new case in which the results may be fairly attributed to the injection.

7. The general mortality in 5,794 cases reported, was 12.3 per cent; excluding the cases moribund at the time of injection or dying within 24 hours, it was 8.8 per cent.

8. The most striking improvement was seen in cases injected during the first three days; of 4,120 such cases, the mortality was 7.3 per cent; excluding cases moribund at the time of injection or dying within 24 hours it was 4.8 per cent.

9. The mortality of 1,448 cases injected on or after the fourth day, was 27 per cent.

10. The most convincing argument and to the minds of the committee an absolutely unanswerable one, in favor of serum therapy, is found in the results obtained in 1,256 laryngeal cases (membraneous croup).

In one-half of these, recovery took place without operation. In a large proportion of which the symptoms of stenosis were severe. Of the 533 cases in which intubation was performed, the mortality was 25.9 per cent, or less than half as great as has ever been reported by any other method of treatment.

11. The proportion of cases broncho-pneumonia is very small and in striking contrast to results published from hospital sources.

12. As against the two or three instances in which the serum is believed to have acted unfavorably upon the heart, might be cited a large number in which there was a distinct improvement in the heart's action after the serum was injected.

13. There is very little, if any evidence to show that nephritis was caused in any case by the injection of serum. The number of cases of general nephritis is remarkably small, the deaths from that source being but 15.

14. The effect of the serum on the nervous system is less marked than upon any other part of the body; paralytic sequelae being recorded in 9.7 per cent of the cases, the report going to show that the protection afforded by the serum is not great, unless made early.

Action of the Society upon the report is embodied in the following resolutions:—

1. For a child over two years old, the dosage of antitoxin should be, in all laryngeal cases with stenosis, and in all other severe cases, 1500 to 2000 units for the first injection, to be repeated in from eighteen to twenty-four hours if there is no improvement; a third dose after a smaller interval if necessary.

For severe cases in children under two years, and for mild cases over that age, the initial dose should be 1000 units, to be repeated as above if necessary; a second dose is not usually required. The dosage should always be estimated in antitoxin units, and not the amount of serum.

2. The most concentrated strength of an absolutely reliable preparation should be used.

3. Antitoxin should be administered as early as possible on a clinical diagnosis, not waiting for a bacteriological culture. However late the first observation is made, an injection should be given, unless the progress of the cases is favorable and satisfactory.

Dr. Biggs and Geurard's Medical News, December 12th, 19th, and 26th, 1896, says:—

"We desire to bring out strongly and clearly the fact, that it matters not from what point of view the subject is regarded, if the evidence now at command is properly weighed, but one conclusion is or can be reached, whether one considers the percentage of mortality from diphtheria and croup in cities as a whole, or in hospitals or in private practice; or whether we take the absolute mortality for all the cities of Germany, where the population is over 15,000, and all cities of France whose population is over 20,000 (in France and Germany antitoxin has been more generally employed than elsewhere) or the absolute mortality for New York City; or for the great hospitals in France, Germany and Austria; or whether we consider only the most fatal cases of diphtheria — the laryngeal and operative cases, or whether we study the question with relation to the day of the disease on which the treatment commenced, or the age of the patient treated; it matters not how the subject is regarded or how it is turned for the purpose of comparison with previous results, the conclusion reached is always the same, namely: There has been an average reduction of mortality from the use of antitoxin in the treatment of diphtheria, of not less than 50 per cent, and under favorable conditions a reduction to one-quarter or even less, of the previous death rate. It has occurred not in one city at one particular time, but in many cities in different countries, at different seasons of the year, and always in conjunction with the introduction of antitoxin serum and proportionate to the extent of its use."

CONCLUSIONS.

We have from the beginning urged upon physicians the necessity of the early and liberal use of the remedy in the treatment of the disease.

The experimental proof of the specific action of antitoxin upon animals, the personal observation of the most distinguished practitioners of the civilized world, the literature of the world, and our own observations have demonstrated, we believe, that not less than 1,500 to 2,000 units should be given in any case of the disease, that it should be given in one dose and at the very earliest possible moment, if prompt beneficial results are to be obtained. Physicians have been constantly warned not to wait for the bacteriological diagnosis, but to administer the serum first; then make the swab cultures. If the case be one of diphtheria valuable time has been gained; if not diphtheria, no harm has been done.

Antitoxin is a specific remedy for diphtheria; the earlier it is given the better the results obtained. The longer the duration of the disease, the larger the quantity of antitoxin to be given, and the less the chances for recovery. Further it should be remembered that antitoxin although of great benefit in diphtheria, is less efficacious in the mixed infections. It prevents, however, by its antagonisms to the poison of diphtheria, the susceptibility of the body to the secondary infections.

It acts less upon the nervous tissues than upon any other parts of the body, and does not prevent paralysis unless given very early. It does not interfere with the use of local disinfectants. It antagonizes in some unknown way the destructive effects of the diphtheria poisons on the cells of the body,—but it has no effect whatever upon the bacilli in the throat. We have found bacilli as virulent in the throat secretions at the end of the fourth week of the disease, as were the bacilli in cultures made before the antitoxin was given.

The impossible should not be expected of the remedy, but it should be remembered that it is far and away the best remedy ever discovered by man, for the treatment of the diphtheria in the human subject.

For immunization against diphtheria, it is almost absolute for a few weeks; the immunity is, however, temporary and limited.

The following tables are compiled from the history of 144 cases treated during the fiscal year with our antitoxin:—

TABLE III.

Shows the condition of the patient before the administration of antitoxin as regards temperature, pulse, respiration and location of membrane. In a majority of the cases the pulse ranged from 120 to 140; the temperature from 101 to 103; respiration from 20 to 40; and in a great majority of the cases the membrane was confined to the tonsils and pharnyx. In 119, the membrane was abundant, in 22 not abundant; 3 not given.

TABLE IV.

Shows that in 53.4 per cent of the cases, a change for the better occurred in twenty-four hours after the administration of antitoxin; 68.7 per cent in 36 hours, and 86.0 per cent in 48 hours.

TABLE V.

Shows the kinds and quantity of antitoxin used. It also shows that physicians are becoming better acquainted with the remedy, and beginning to use it in sufficient quantities.

TABLE IX.

Shows how terrible is the form of the disease when the membrane invades the larynx, even when antitoxin is liberally used.

TABLE XI.

Table No. 11 shows the number of deaths that occurred in 144 cases with the causes taken from the histories,— generally in the words of the physician reporting a case.

Case No. 7 was injected with antitoxin on the 12th day of the disease, the diagnosis up to that time having been follicular tonsilitis.

The character of the disease was recognized only when the membrane had invaded the larynx. No swab culture was made of the throat secretions. This case together with Nos. 2, 3, 4, 5, and 6, I have classed as moribund when injected, or dying within 24 hours after the administration of antitoxin.

TABLE XII.

From April 1st, 1895, to April 1st, 1896, 342 cases were treated, with 31 deaths, giving a mortality of 9.06 per cent. Of these cases, 16 were moribund when injected, or died within 24 hours after receiving the antitoxin; deducting these, and we have a mortality of 4.60 per cent.

From April 1st, 1896, to April 1st, 1897, 144 cases were treated, with 14 deaths, giving a gross percentage of 9.72; deducting six cases moribund when injected or dying within 24 hours after injection, we have a corrected percentage of 5.80.

The total number of cases from April 1st, 1895, to April 1st, 1897, is 486; total number of deaths, 45; gross per cent, 9.26. Deducting those moribund when treated or dying within twenty-four hours after receiving antitoxin, we have a mortality of 486 — 22 = 464 cases, 23 deaths, or 4.96 per cent.

(1) Only the most important complications are here recorded, the fatal cases being included. Many minor complications are noted in the histories, but not shown in the table.

TABLE XIII.

An attempt is made in Table No. 13 to give the day of the disease antitoxin was administered and the death percentage, but results are unsatisfactory because the data in the histories was incomplete; still, the facts are sufficient to show the steady increase in the mortality, the later in the disease the antitoxin is given.

TABLE XIV.

Table No. 14 is an extremely interesting table, showing clearly the great mortality in children under 5 years of age, and especially the great fatality in those under 2 years of age.

TABLE XV.

Shows that from April 1st, 1897, of 66 cases of laryngeal diphtheria treated by physicians with the Health Department antitoxin, 22 died, or 33.33 per cent; 15 of these were moribund or died within 24 hours after injection, leaving 51 cases with 7 deaths, or 13.73 per cent. Thirty-six cases were not operated on, with 14 deaths, giving a mortality of 38.89 per cent; of these 12 were moribund or died within 24 hours, leaving 24 cases with 2 deaths; a percentage of 8.33 per cent.

Twenty cases were intubated, with 4 deaths or 20 per cent. One was moribund when intubated, giving a mortality of 15.79 per cent. In 10 cases tracheotomy was performed, with 4 deaths, giving a mortality of 40 per cent; two were moribund when the operation was performed; deducting these gives a mortality of 25 per cent.

TABLE XVI.

In this table it will be seen that in some cases a full curative dose was given. In the three cases that contracted diphtheria after immunization, all received about 600 units each, as a prophylactic dose; all recovered.

There is a diversity of opinion as to the length of time immunity is granted by prophylactic doses; some claim two weeks only, while the majority of observers four weeks. Our observations agree with the latter, and that the dose should not be less than 300 units.

Appended to this is a table giving the summary of 35 published reports, in which 17,546 children and adults have been given immunizing doses, and the results.

Explanatory Notes regarding the statistics in Table XXV on Hospital Statistics: —

Roux reports 300 cases treated with antitoxin in the Hopital des Enfants Maladies (1) in Paris with a mortality of 26 per cent; at the same time, 520 cases treated without antitoxin in the *Hopital Trousseau* (2) with a mortality of 60 per cent. The previous mortality in these hospitals has been about the same; the time, the type of the disease, every condition was the same, except the mode of treatment and the resulting mortality. Ganzhofner reports 110 cases treated with antitoxin in the *Franz Josef Clinic* (in Prague) with a mortality of 12.7, while during an interval of forced interruption in the same hospital, owing to the supply of antitoxin having run out, 144 cases were treated without antitoxin with a mortality of 43 per cent.

Unterholzner (4) in the *Leopoldstadt Hospital* in Vienna records the results in 37 cases with antitoxin in which the mortality was 25 per cent, and 36 cases without antitoxin, during an interruption of the antitoxin treatment, in which the mortality was 66 per cent.

During an epidemic of malignant diphtheria in the districts of Triest (5) and Bukowina, the Austrian Health Department sent out a supply of antitoxin to be used among the people. Before the antitoxin arrived, the mortality had been fearful in these districts. Three hundred and twenty-one (321) cases were treated with antitoxin with a mortality of 17 per cent. The supply of antitoxin sent was insufficient to furnish the whole section in which the epidemic was raging. Four hundred and twenty-seven cases were treated without antitoxin and the mortality among these was 50 per cent.

Baginsky (6) records a most striking illustration of the effects of antitoxin in the *Kaiser und Kaiserin Freidrich Kinder Kranken-haus* in Berlin,— a result so striking that it converted Professor Virchow, who, up to that time, had been an opponent of the new treatment. In eight weeks in this hospital, 63 cases had been treated with antitoxin with a mortality of less than 13 per cent. Suddenly the supply of serum gave out as unfortunately the horse from which the serum had been taken died. The old methods were resorted to, and during the next seven weeks 109 cases were treated without antitoxin, with 55 deaths, or a mortality of over 50 per cent. This increase in the mortality induced the hospital authorities to return to the use of the serum. Immediately there was a change. In the next six weeks, 84 cases were treated, with a mortality of less than 15 per cent.

The total figures are given in the table. In speaking of this remarkable experience, Professor Virchow said: "All theoretical considerations must give way to the brute force of these figures, and I consider it the duty of every physician to use a remedy giving such clinical results." Baginsky commenting on this circumstance says: "It is all the more remarkable as the ratio of the mortality of those treated with the serum, before and after the period of interruption, varied within very small limits. If one will permit figures to speak at all, there has scarcely been made on human beings a more demonstrative test of the curative power of a therapeutic agent. It was an experiment forced upon us, but it proved to us how terrible was the form of disease which we were treating, and how numerous would have been the victims without the use of the healing serum." Professor Virchow again reiterated his opinion in a report which was read on the antitoxin treatment of diphtheria in the same hospital on December 25th, 1895, when he said that from April to November of that year, 303 cases out of 335 treated had recovered, the mortality which had formerly been 43 per cent having decreased to 9½ per cent.

VUICETIG (7) reports two groups of cases of 30 each, one treated with antitoxin and the other with Loeffler's solution; the antitoxin cases gave a mortality of 6.6 per cent, the other a mortality of 20 per cent.

According to the experience of the Austrian Health Department, there were treated during the month of February, 1896, in all Austria, 1,128, cases with antitoxin, with a mortality of 13.2 per cent, whereas in 1,849 cases which were treated without antitoxin at the same time gave a mortality of 38 per cent.

RAUCHFUSS (9) reports 34 cases treated in a hospital with a mortality of 21 per cent; and 30 control cases treated at the same time without antitoxin with a mortality of 52 per cent.

VON ENGEL, in Bohemia, reports 39 cases treated with antitoxin, a mortality of 25.5 per cent, and 62 cases treated at the same time, without antitoxin, with a mortality of 50 per cent.

The antitoxin cases in all these reports are said to have been unusually severe and therefore taken as a test of the new remedy.

HEUBNER (11) reports 299 cases treated with antitoxin in the *Hopital Charite* in Berlin with a mortality of 16.7 per cent, and 249 cases treated in the Bethany Hospital (12) at the same time, under the same conditions of age, season, etc., without antitoxin, with a mortality of 43 per cent.

BLUMENFELD (13) reports 229 cases treated in private practice with antitoxin with a mortality of 8.7 per cent, and 48 cases not treated with antitoxin, because they were considered to be *too mild;* the mortality among the "mild cases" was 23.6 per cent as against 8.7 per cent among the apparently severe cases treated with antitoxin.

In a total of 2,830 cases treated *with* antitoxin, 436 died, giving a mortality of 15.4 per cent; while 3,625 cases treated *without* antitoxin at the same time or during intervals of forced interruption (owing to lack of antitoxin) 1,559 died, a mortality of 43 per cent.

TABLE III.

CONDITION OF PATIENT BEFORE ADMINISTRATION OF ANTITOXIN.

PULSE.	NO. OF CASES.	TEMPERATURE.	NO. OF CASES.	RESPIRATION.	NO. OF CASES.	LOCATION OF MEMBRANE.
82	1	98.5	1	17	1	Right tonsil 4
84	2	99	8	18	8	Left tonsil 5
95	3	99 5	3	19	3	Both tonsils 41
98	1	100	9	20	9	Tonsils and fauces 25
100	8	100.5	5	22	7	Tonsils, fauces and pharynx 23
103	2	101	21	23	1	Pharynx and nares 3
108	2	101 5	8	24	7	Nares, tonsils and pharynx 9
110	6	102	19	25	5	Tonsils, pharynx and larynx 23
112	3	102.5	8	26	5	Larynx 8
115	3	103	24	27	2	Not given 3
116	2	103 5	8	28	5	
120	42	104	12	29	2	
124	4	104 5	4	30	13	
125	1	105	1	32	4	
126	4	Not given.	13	35	8	
128	2			38	14	
130	8			39	2	
132	2			40	6	
135	4			41	1	
136	1					
138	1			42	1	
140	12			50	1	
142	1			55	1	
145	1			60	1	
148	1			Not given.	37	
150	7					
160	3					
165	1					
Not given.	16					
	144		144		144	144

Membrane abundant	119
Membrane not abundant	22
Not given	3
	144

TABLE IV.

TIME AFTER ADMINISTRATION OF ANTITOXIN WHEN CHANGE FOR THE BETTER OCCURRED.

	No. of Cases.
10 hours after administration and under	1
11 " " " " "	2
12 " " " " "	14
14 " " " " "	1
16 " " " " "	1
20 " " " " "	1
24 " " " " "	57
30 " " " " "	2
36 " " " " "	19
40 " " " " "	1
48 " " " " "	24
60 " " " " "	5
72 " " " " "	1
4th day " " " "	1
Not given " " " "	5
No change for better	9
	144

TABLE V.

KINDS OF ANTITOXIN USED.

St. Louis Board of Health	144
Behring's No. 3 with above	5
Pasteur Institute, N. Y., with above	1

QUANTITY OF ANTITOXIN USED.

5 cubic centimeters	4
8 " "	1
10 " "	56
14 " "	1
15 " "	7
16 " "	4
18 " "	3
20 " "	44
22 " "	1
25 " "	4
30 " "	8
40 " "	6
45 " "	1
47.5 " "	1
55 " "	1
80 " "	1
Not given	1
	144

No. of cases in which only one dose was given	88
" " " " " two doses were given	44
" " " " " three " " "	9
" " " " " four " " "	2
" " " " " doses given are not known	1
	144

(2,534 c. c. used.)

TABLE VI.

	MONTHS.			YEARS.											
Age	3	9	10	1	2	3	4	5	6	7	8	9	10	13	14
No. of Patients	1	2	1	4	10	13	21	11	14	11	9	5	11	2	8

	YEARS.													TOTAL.
Age	16	17	18	19	20	22	24	25	26	29	33	40	Not given.	
No. of Patients	2	4	2	1	2	1	1	1	1	1	1	1	3	144

5 years and under	63	43.75 per cent.
10 years	50	34.72 "
10 years and under	113	78.47 per cent.

TABLE VII.

Recovery rapid	118
" slow	12
Deaths	14
	144

Mild cases	45
Severe cases	66
Very severe, including deaths	33
	144

TABLE VIII.

COMPLICATIONS.

Pain at joints	8
Urticaria	6
Swelling of axillary glands	1
Albuminuria (1 after Behring's)	2
General soreness	1
Local Erythema	2
General Erythema	4
	24

TABLE IX.

	Cases.	Deaths.	Percentage.
Tracheotomy performed	1	1	100
Intubation "	12	1	8.33

NUMBER OF CASES IN WHICH THE MEMBRANE INVADED THE LARYNX.

Croup cases	28
Number of deaths	8
Percentage	28.57

COMPARISON OF CROUP DEATH RATE TAKEN FROM REPORT OF SANITARY OFFICER.

YEAR.	CASES.	DEATHS.	PERCENTAGE.
1893	157	144	91.7
1894	250	139	55.6
1895	345	167	48.4
1896	181	99	54.69

TABLE X.

DAY OF THE DISEASE ANTITOXIN WAS GIVEN AND DEATH PERCENTAGE.

DAY.	NO. OF CASES.	NO. OF DEATHS.	PERCENTAGE.	NO. CURED.	PERCENTAGE.
1st.	1	......	......	1	100
2nd.	26	2	7 69	24	92.31
3rd.	62	7	11.66	55	88.33
4th.	39	......	......	39	100
5th.	2	2	100	......	......
6th.	5	......	......	5	100
7th.	2	......	......	2	100
10th.	1	......	......	1	100
12th.	1	1	100	......	......
Not given.	5	2	40	3	60

TABLE XI. — DEATHS FROM DIPHTHERIA.

No.	Bacteriological Diagnosis.	Clinical Diagnosis.	Day of Disease Antitoxin Administered.	Quantity.	Location of Membrane.	Age.	Male.	Female.	Intubation.	Tracheotomy.	CAUSE OF DEATH.
1	Made Diphtheria.	Laryngeal Diphtheria .	5th day	Behring 6 C. C. City H. D. 10 c.c.	Larynx...........	2½ years..	Male.	....	?	Yes..	Suffocation. Membrane filled trachaea; death 31 hours after last administration of antitoxin, which was used late in the disease.
2	Made Diphtheria.	Laryngeal Diphtheria..	3 & 4 day	10 c. c.—1,500 units, 2 doses.	Pharynx and Larynx.........	2 years...	Male.	....	No...	No ..	Death 20 hours after antitoxin was given. Cause not given in history.
3	Made Diphtheria.	Membranous Croup....	(?) Not given.	10 c. c.—1,500 units, 1 dose.	Pharynx and Larynx	2 years...	Male.	....	No...	No...	Died same day antitoxin was given. Croupous complications. Asphyxia.
4	Not made.........	Membranous Croup ...	(?) Not given.	10 c. c.—1,500 units, 1 dose.	Larynx	4 years...	......	Female.	No...	No...	Brought to Medical Clinic in moribund condition; died shortly after antitoxin was given. Received no previous medical treatment.
5	Made.............	Pharyngeal and Laryngeal Diphtheria	3rd day	10 c. c.—1,500 units, 1 dose.	Pharynx and Trachaea	9 months.	Male.	....	No...	No...	Died 12 hours after antitoxin was given; asphyxiated. Parents refused to allow intubation or tracheotomy.
6	Not made..... ...	Croup	5th day	10 c. c.—1,500 units, 1 dose.	Pharynx and Trachaea........	4 years...	Male.	....	No...	No...	Moribund when seen by physician. Died seven and a half hours after antitoxin was given.
7	Not made..... ...	Diphtheria, Nasal Pharyngeal and Laryngeal	12th day	22 c. c.—3,000 units, 1 dose.	Fauces, Pharynx, Trachaea	9 years...	Male.	....	No...	No...	Antitoxin given. 13th day nose bleeding for 3 hours; became very feeble. Died of asthenia 30 hours after antitoxin was given. Sick 10 days. Diagnosis, follicular tonsilitis. 12th day sudden invasion of larynx with membrane.
8	Made Diphtheria.	Diphtheria	3rd day	16 c. c. 2,000 units.	Tonsils and Pharynx	3 years...	....	Female.	No..	No...	Died while vomiting from cardiac paralysis, 40 hours after administration of antitoxin.
9	Not made........	Laryngeal Diphtheria..	3rd day	20 c. c. 3,000 units.	Pharynx and Larynx	6 years...	......	Female.	Yes..	No...	Died 36 hours after antitoxin was injected; 30 hours after intubation.
10	Made Diphtheria.	Diphtheria	3rd day	15 c. c. — 2,500 units, 3 doses.	Nose, Tonsils and Pharynx	2 years...	......	Female.	No...	No...	Gangrene of tonsils, followed by septicaemia and rapid death.
11	Made Diphtheria.	Diphtheria	2nd day	20 c. c.—3,000 units, 1 dose.	Tonsils, Fauces...	6½ years	.....	Female.	No...	No...	Antitoxin given September 9th. Child convalescent September 19th. Died September with a nephritis that developed rapidly.
12	Made Diphtheria.	Diphtheria	3 & 4 day	20 c. c.—3,000 units, 2 doses.	Nose, Pharynx and Mouth......	10 years...	Male.	....	No...	No...	Antitoxin given September 17-19. Died September 29th, when apparently entirely convalescent, from a severe hemorrhage from throat, followed by fainting and death. Had laryngeal diphtheria six months before.
13	Made Diphtheria.	Diphtheria	2nd day	10 c. c.—1,500 units, 1 dose.	Nose, Pharynx ...	4 years...	....	Female.	No...	No...	Antitoxin given September 12th. Died September 20th. Nephritis.
14	Made Diphtheria.	Diphtheria	3rd day	20 c. c.—3,000 units, 2 doses.	Tonsils, Pharynx	6 years...	.. ..	Female.	No...	No...	Cause not given. Died 48 hours after antitoxin was administered. No post-mortem.

	Cases.	Deaths.	Per Cent.
Total number of cases treated April 1st, '96, to April 1st, 97,.........................	144		
Total number of deaths...		14	
Total per cent			9.72
Deduct 2, 3, 4, 5, 6, 7, six cases moribund when injected or dying within 24 hours,	6	6	
	138	8	
Corrected per cent			5.80

TABLE XII.

	Cases.	Deaths.	Mortality per cent.	PROGNOSIS. Good.	Fair.	Bad.	EXTENT OF MEMBRANE. Tonsils.	Pharynx.	Nose.	Larynx.	Not given.	COMPLICATIONS. Albuminuria Severe.	Albuminuria Slight.	Pharyngeal Paralysis.	Pharyngeal Paralysis, Slight.	Paralysis General.	Paralysis of Right Optic Nerve.	Anuria.	Hemiplegia.	Spasmodic Croup.	Nasal Hemorrhage.	Scarlet Fever	NUMBER OF INJECTIONS GIVEN. 1.	2.	3	4.	Not known.	Total Injections given.	Number of Antitoxine Units Injected.
April 1st, '95, to April 1st, '96. ...	342	31	9.06	85	83	56	69	87	20	38	10	2	6	6	......	6	.....	5	..	....	....	..	173	38	11	..	120	402	375 to 15,000
April 1st, '96, to April 1st, '97....	144	14	9 72	45	66	33	50	48	12	31	3	6	4	5	2	....	1	1	2	1	1	1	88	44	9	2	3	212	750 to 12,000
Totals......................	486	45	9 26	130	149	89	119	135	32	69	13	8	10	11	2	6	1	6	2	1	1	1	261	82	20	2	3	614	375 to 15,000

Moribund cases, 1895-1896	16		
Those dying within 24 hours deducted, '96-97............	6		
	22	22	
There remain....................	464	23	4.96

Cases of Diphtheria treated with the antitoxin of the St. Louis Health Department by the Physicians of the city from April 1st, 1895, to April 1st, 1897; showing number of cases injected, mortality percentage, prognosis, extent of membrane, complications, number of injections given.

TABLE XIII.

DAY OF DISEASE.

	First Day. Cases.	Died.	Mortality per cent.	Second Day. Cases.	Died.	Mortality per cent.	Third Day. Cases.	Died.	Mortality per cent.	Fourth Day. Cases.	Died.	Mortality per cent.	Fifth Day. Cases.	Died.	Mortality per cent.	Sixth Day. Cases.	Died.	Mortality per cent.	Seventh Day. Cases.	Died.	Mortality per cent.	Eighth Day. Cases.	Died.	Mortality per cent.	Ninth Day. Cases.	Died.	Mortality per cent.	Tenth Day. Cases.	Died.	Mortality per cent.	Eleventh Day. Cases.	Died.	Mortality per cent.	Twelfth Day. Cases.	Died.	Mortality per cent.	Unknown. Cases.	Died.	Mortality per cent.	Total. Cases	Died.	Mortality per cent.
April 1st, 1895, to March 31st, 1896....	5	.	..	31	2	6.45	96	10	10.42	47	7	14.89	20	7	35.00	..	..	..	.	.	....	..	..	.	..	..	..	2	1	50	1	1	100	..	..	....	140	3	2.14	342	31	9 06
Moribund or dying within 24 hrs. deducted.	..	..	..	.	..	.....	5	5	.....	2	2	.....	5	5	....	..	..	..	..	..	....	..	..	..	..	..	..	1	1	.	..	....	...	..	..	....	3	3	.....	16	16	...
There remain...........................	5	..	..	31	2	6.45	91	5	5.49	45	5	11.11	15	2	13.33	..	.		..	.	....	..	..	..	..	..	..	1	1	..	1	1	100	..	..	...	137	.	.....	326	15	4.60
April 1st, 1896, to March 31st, 1897.....	1	..	..	26	2	7.69	62	7	11.66	39	..	....	2	2	100.00	5	..	..	2	..	....	..	..	..	..	..	..	1	..	..	..	....	...	1	1	100	5	2	40.00	144	14	9 95
Moribund or dying within 24 hrs. deducted.	..	..	..	..	..	.....	2	2	......	..	.	.....	1	1	......	..	..	..	..	..	....	..	..	..	..	..	..	..	..	..	..	....	..	1	1	...	2	2	.....	6	6	...
There remain.................	1	..	..	26	2	7 69	60	5	8.33	39	..	......	1	1	100.00	5	..	..	2	.	....	..	..	..	..	..	..	1	..	..	..	....	...	..	..	....	3	.	.....	138	8	5.80
April 1st, 1895, to March 31st, 1897.........	6	..	..	57	4	7.01	151	10	6.62	84	5	5.95	16	3	18 75	5	.		2	..		.	.	..	.	..	.	2	..	..	1	1	100	.	..	...	140	..	.....	464	23	4.96

Cases of diphtheria treated by Physicians with the Health Department antitoxin, showing day of disease injected and the resulting mortality.

TABLE XIV.

CASES OF DIPHTHERIA TREATED WITH ANTITOXIN, ARRANGED ACCORDING TO AGE, AND WHEN INJECTED.

		0 to 1 Year.	1 to 2 Years.	2 to 3 Years.	3 to 4 Years.	4 to 5 Years.	5 to 6 Years.	6 to 7 Years.	7 to 8 Years.	8 to 9 Years.	9 to 10 Years.	10 to 15 Years.	15 to 20 Years.	20 and Over.	Not Known.	Totals.	Moribund or dying within 24 Hours Deducted.	Remaining.
April 1st, 1895, to March 31st, 1896	Cases	3	18	21	14	18	16	25	19	29	20	27	9	8	115	342	16	326
	Died	1	8	2	4	3	1	......	2	3	.....	1	......	1	5	31	16	15
Mortality per cent		33.33	44.44	9.52	28 57	16.66	6.25	....	10.53	10 34	......	3.70	.....	12 50	4.35	9.06	.....	4 60
April 1st, 1896, to March 31st, 1897	Cases	4	4	10	13	21	11	14	11	9	5	21	9	9	3	144	6	138
	Died	1	.....	4	1	3	.....	3	.....	....	1	1	.....	.....	.....	14	6	8
Mortality per cent		25.00	......	40.00	7.69	14.29	......	21.43	......	......	20.00	4.76		......	.....	9.72	.....	5.80
April 1st, 1895, to March 31st, 1897	Cases	7	22	31	27	39	27	39	30	38	25	48	18	17	118	486	22	464
	Died	2	8	6	5	6	1	3	2	3	1	2	.....	1	5	45	22	23
Mortality per cent		28 57	26.36	19.35	18.51	15.38	3.70	7.69	6.67	7.89	4.00	4.17	.....	5.88	4.24	9.26	......	4.96

TABLE XV.

CASES OF LARYNGEAL DIPHTHERIA.

	Total Laryngeal Cases.			Non-Operative Cases.			Operative Cases. (Intubation.)			Tracheotomy.		
	Cases.	Deaths.	Mortality per cent.	Cases.	Deaths.	Mortality per cent.	Cases.	Deaths.	Mortality per cent.	Cases.	Deaths.	Mortality per cent.
April 1st, 1895, to April 1st, 1896.	38	14	36.84	21	8	38.09	8	3	37.50	9	3	33.33
April 1st, 1896, to April 1st, 1897.	28	8	28.57	15	6	40.00	12	1	8.33	1	1	100.
Totals	66	22	33.33	36	14	38.89	20	4	20.00	10	4	40.00
Moribund or dying within 24 hours	9	9	.....	6	6	.....	1	1	.....	2	2	......
Deducted	6	6	......	6	6	......	....	....	......	....	....	......
	15	15	.....	12	12	......	1	1	......	2	2	......
There remain	51	7	13.73	24	2	8.33	19	3	15.79	8	2	25.00

TABLE XVI.

No. of cases immunized.	Number of antitoxin units injected.	Cases of Diphtheria that occurred after immunization.	No. of families in which diphtheria occurred previous to immunization.
340.	500 to 1500 units.	Child immunized by Dr. B. Bribach, January 4th, contracted diphtheria February 2d, 1897, recovered. Three cases occurred in children immunized at the Christian Orphans' Home; one in the 4th week after immunization, and two in the 5th week. Case of Dr. F. C. Ameiss treated for diphtheria; bacilli declared absent by Health Department, December 21st, 1896. Treated again by Dr. Ravold for true diphtheria, February 11th, 1897; bacilli proved to be present in great numbers; disappeared in 3rd week of disease. Prompt recovery with 3000 units antitoxin.	79 families, and 2 Eleemosynary Institutions.

Complications.	
Erythema general	2
One on the 5th, and the other on the 7th day after.	
Local erythema site of injection	6
Abscess at site of injection	1
Urticaria general	1
One death.*	
Choræ on 6th day, recovered.	

---

* One death occurred that was attributed to antitoxin in the practice of Dr. Wm. Nifong, at the Christian Orphans' Home. A complete report of this case will be made later.

Shows number of cases immunized with antitoxin in families in which diphtheria had occurred; number of antitoxin units injected; number of cases in which diphtheria occurred after immunization.

TABLE XVII.

IMMUNIZATION AY ANTITOXIN.

Number of cases immunized.	Number of antitoxin units injected.	Number of those immunized attacked within 30 days.	Number of those immunized attacked after 30 days.
17,516	50 to 1,000 (average) (150 to 200)	109 mild. 1 fatal.	20 mild. 1 fatal.

TABLE XVIII.

CASES AND DEATHS REPORTED IN BERLIN, NEW YORK AND ST. LOUIS, AND DEATHS IN PARIS.

YEAR.	BERLIN.		NEW YORK.		ST. LOUIS.*		PARIS.
	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1889	1,284	4,220	2,291	6,489	345	1,243	1,890
1890	1,586	4,586	1,783	4,350	185	667	1,859
1891	1,078	3,504	1,970	4,874	249	771	1,531
1892	1,405	3,683	2,106	4,654	208	671	1,557
1893	1,643	4,315	2,558	6,468	242	613	1,266
1894	1,430[1]	5,220	2,870	9,155	238	751	1,009[1]
1895	996	6,106	1,956[1]	9,925	516	2,877[1]	441
1896	588[2]	....	1,856[2]	....	279	1,775	600[2]
1897	....	....	....	....	28[3]	316	....

[1] Use of antitoxin begun.
[3] January, February and March.
[2] Last quarter of year partly estimated.
* Does not include croup.

TABLE XIX.

ABSOLUTE DEATH RATE PER 100,000 POPULATION.

YEAR.	BERLIN.	PARIS.	NEW YORK.	ST. LOUIS.
1886	125.7	73.2	187.5	225.
1887	100.7	76.9	206.6	223.
1888	76.1	83.7	167.7	89.3
1889	85.6	79.9	146.2	58.8
1890	102.0	77.5	110.6	46.5
1891	67.5	63.0	118.7	48.
1892	92.9	63.6	123.3	48.3
1893	100.8	51.4	145.5	37.7
1894	86.7	40.7	158.5	52.3
1895	59.7	17.7	105.2	92.6
1896	30.9	17.5	91.3	35.4
1897	....	....	....	....

The foregoing tables show that coincident with the use of antitoxin, the actual number of deaths from diphtheria in the cities of Berlin, Paris, New York and St. Louis decreased.

TABLE XX.

MORTALITY IN DIPHTHERIA TREATED WITH ANTITOXIN, AND PREVIOUS MORTALITY WITHOUT ANTITOXIN.

	Cases.	Deaths.	Mortality per cent.	Previous Mortality per cent.
Hospital cases, 109 reports	15,560	3,009	19.0	30 to 40
Private cases, 49 reports	9,208	995	10.1	
Total	24,768	4,004	16.0	30 to 40

Cases moribund at the time, or dying within 24 hours after are included in these statistics.

TABLE XXI.

	Cases.	Deaths.	Mortality per cent.
Hospital cases with antitoxin	7,986	1,754	21.0
Hospital cases without antitoxin	9,039	3,309	36.4
Private cases with antitoxin	3,161	412	13.0
Private cases without antitoxin	4,255	1,717	40.0
Total with antitoxin	11,147	2,169	19.1
Total without antitoxin	13,296	5,026	37.8

Mortality of Diphtheria (45 reports) treated with and without antitoxin at the same time or during the same period.

TABLE XXII.

	Cases.	Deaths.	Mortality per cent.	Previous Mortality per cent.
Non-operative cases	12,066	1,491	13.5	....
Operative cases	3,082	1,135	36.7	65.
Total	15,148	2,626	16.6	....
Tracheotomy	1,355	569	42.0	70.
Intubation	1,173	361	30.8	56.5
" and secondary tracheotomy	52	37	71.0	....
" or tracheotomy	502	168	33.2	....

Mortality of operative and non-operative cases of diphtheria treated with antitoxin; and previous mortality of operative cases without antitoxin.

TABLE XXIII.

MORTALITY OF DIPHTHERIA WITH ANTITOXIN, ARRANGED ACCORDING TO AGE.

	Cases.	Deaths.	Mortality per cent.
0– 2 years	1,494	469	31.4
2– 5 years	3,678	762	20.7
5–10 years	3,184	673	14.8
Over 10 years	1,444	99	6.9
Total	9,800	1,803	18.4 (Chiefly Hospital.)

TABLE XXIV.

Mortality from Diphtheria, arranged according to the day of the disease on which treatment was commenced; moribund and dying within 24 hours included.

	Cases.	Deaths.	Mortality per cent.
First and second day	4,232	267	6.3
Third and fourth day	3,870	656	17.2
After fourth	1,984	605	34.6
Day unknown	339	44	13.0
Total	10,425	1,672	16.0

TABLE XXV.

	With Antitoxin.			Without Antitoxin.		
	Cases.	Deaths.	Per Cent.	Cases.	Deaths.	Per Cent.
1. Hopital d'Enfants Maladies, Paris	300	78	26.0	......	......	......
2. Hopital Trousseau, Paris	......	......	......	520	316	60.0
3. Hospital Franz Joseph	110	14	12.7	144	62	43.0
4. Unterholzner	37	8	25.8	36	24	66.0
5. Epidemic, Triest	321	56	17.1	427	213	50.0
6. Kaiser und Kaiserin Frederich Hospital, Baginsky	303	39	13.2	230	70	47.8
7. Vuicetig	30	2	6 6	30	6	20.0
8. Austrian Statistics	1,128	149	13.2	1,849	704	38.1
9. Rauchfuss (Russia)	34	7	21.0	30	16	52.0
10. Von Engel	39	10	25 5	62	31	50.0
11. Charite Hospital, Berlin	299	53	16.7	......	......	......
12. Bethany Hospital, Berlin	......	......	......	249	106	43.1
13. Blumenfeld	229	20	8.7	48	11	23.6
Total	2,830	436	15.4	3,625	1,559	43.0

TUBERCULOSIS.

Table No. 11 gives a concise statement of the examination of sputum sent to this Department by eighty-six physicians.

Koch's discovery of the cause of tuberculosis, one of the most fruitful in medicine, was announced before the Physiological Society of Berlin in March, 1882. By the exercise of that close reasoning combined with the vivid imagination which enables the man of science to follow his discoveries to the very verge of their consequences, he describes the whole phenomena of infection in Phthisis. The paper contains practically all the scientific facts necessary for the guidance of preventive administration. No essential statement made by him has been impugned and nothing of importance has been added, — but his discovery seemed for a time to have exhausted itself in the mere staining of bacilli for the diagnosis of phthisis. In 1889, however, his conclusions were very ably established upon a firm foundation by the experiments of Dr. George Cornet, whose two papers in the "Zeitschrift fur Hygiene," Nov., 1888, upon "The distribution of tubercle bacilli outside of the body," and April, 1889, on "The mortality among Nurses and its cause," are remarkable examples of lucid experimental reasoning. These experiments constitute his entire claim to merit, for Koch had outlined the whole doctrine, and even the details of his prophylaxis were anticipated in a clear and practical paper by Dr. Richards in the "Revue d'Hygiene, 1886," "De la Transmission de la Tuberculose par les object de literie, tapis, tentures, &c."

TABLE NO. 2.

TUBERCULOSIS.

Males 72	Females......58	White 126	Colored 4

AGE.				OCCUPATION.			
9 yrs	1	32 yrs	5	Barber	1	Merchant	2
14 "	1	33 "	4	Bartender	3	No occupation	17
17 "	1	34 "	4	Blacksmith	1	Not given	20
18 "	6	35 "	5	Brewer	1	Optician.	1
19 "	3	36 "	3	Bricklayer	1	Painter	3
20 "	7	37 "	3	Carpenter	3	Peddler	1
21 "	6	38 "	1	Clerk	12	Photographer	1
22 "	4	39 "	1	Collector	1	Porter	2
23 "	5	40 "	5	Cooper	1	Printer	2
24 "	3	42 "	1	Domestic	2	Salesman	5
25 "	5	43 "	4	Foreman	1	School-girl	2
26 "	9	44 "	2	Furniture finisher	1	Shoemaker	1
27 "	6	45 "	2	Housewife	32	Tailor	2
28 "	8	48 "	1	Laborer	7	Teacher	2
29 "	3	50 "	2	Laundress	1	Teamster	1
30 "	10	54 "	1	Machinist	1	Tobacco-worker	2
31 "	3	57 "	1				
		Not given	7				

Sex not given	3	Males	72
Color not given	3	Females	58
		Sex not given	3
			133
Sputum not containing Tub. Bac.			191
			324

Cornet's work gave the start to the preventive measures against tuberculosis. In Prussia instructions were at once issued applicable to all State institutions and Military Hospitals. These official instructions, together with others issued by local authorities, especially of continental health resorts, such as San Remo, Meran, etc., were published as an appendix to Cornet's papers in 1890. The papers immediately attracted the attention of the health authorities of this country; a translation of the most important passages appeared in the annual report of the Board of Health of the State of Maine for 1888.

I present herewith a bibliography of pamphlets and papers on the subject, issued to the present date by the health authorities of this and foreign countries. I also submit Cornet's leaflet that he was in the habit of giving to his patients; a leaflet issued by the municipal authorities of Berlin; that of the French League for the Prevention of Pulmonary Phthisis and other forms of tuberculosis; and the leaflet of the New York Health Department. The report of the Royal Prussian Scientific Committee for Medical Affairs regarding measures against the spread of tuberculosis, published by the Royal Police Presidency of Berlin, 1891, is an exceptionably valuable contribution.

The natural question then follows: Is Tuberculosis an infectious disease? Unhesitatingly, in the knowledge of all the facts, we must admit that it is! What, then, when face to face with these facts, should this great municipality do?

One naturally looks to Cornet himself and the city where he resides, where the bacillus was discovered, and whence nearly all we know of it has been announced to the world, for guidance as to what it is expedient to teach the people as to consumption.

First: "Shall there be compulsory notification?" It is well to contrast the studied caution and expressed solicitude to protect the consumptive from prejudice which characterizes the original German and French investigators, and their discoveries in prevention, with the rash and positive utterances of many of those who seek to interpret those discoveries elsewhere. Well must we weigh the closing words of Koch in his famous essay: "It seems to me that the time has now come to adopt prophylactic measures against tuberculosis; but owing to the wide distribution of the disease, all steps taken against it have to deal with social relations, and it must therefore be carefully considered in what way and how far we may proceed without neutralizing by unavoidable disturbances and other disadvantages the benefit obtained."

I am not aware of any resolution in favor of compulsory notification having been passed by any body of medical practitioners, and personally I am distinctly and emphatically opposed to it. I quote the following from the writings on this subject by Dr. James B. Russell, Senior Medical Officer of Health of Glasgow:—

"Recall all the representatives of that pale multitude one has known, who bore the burden of their infirmity for years, few, or many, who did good work in the world, earned honest wages, supported themselves, supported others; all those one has heard of who lived more in the world's eye, who have instructed or entertained mankind, consumptives who have enriched our book shelves, given us paintings for our walls and satisfied our ears with music. Keats, with all his golden store of verse; Chopin, tuneful throughout his long decline. Green, heroically toiling over his brilliant histories; Addington Symonds, man of letters to the last; Sir Thomas Watson's nameless 'Statesman, who served his country well and strenuously' in a life long illness; the frail, but fruitful, life of Robert Louis Stevenson; all the phthisical patients to whom Sir Andrew Clark preached his favorite text,—'Labor Vitae Vita est,'—Work is the life of life. With himself as an example, born of parents who both died of phthisis, and sent to Madeira at 21 to die. They, and many others, suffered from an 'infectious disease.' They are all to be notified by the first physician who sees them. Each is to be 'furnished with a card bearing date of notification' which they are required to produce on application for disinfectants, etc. The announcement of the said diagnosis to be signalized and proclaimed to the world by a domestic ceremony of purification conducted by the high priest of the Sanitary Department, to wipe out all the infection which has followed the unfortunate's pestiferous steps while the taint was yet unrecognized. To put an end to this, he must 'Be thenceforward confined to certain parts of the house' in which the ceremony of purification is to be carried out every two months. They are now known to all men as 'consumptive people' and are in future to live up to a code (!)" Note here the following, Dr. Nevin, on Prevention of Phthisis, *Lancet, Aug. 10th, 1895. The necessity for placing Tubercular Phthisis under control.* Article by Arnold Chaplin, M. B., *Medical Magazine*, Vol. I, p. 1022. Feb., 1894.

In regard to isolation, disinfection and public instruction, Cornet proved by experimental induction, if ever anything has been proved, that sputum is practically the only source of infection in phthisis; that where there is no sputum, there is no infection; that sputum is not infectious unless it dries; that it cannot dry excepting under certain conditions, perfectly easy to be avoided.

A consumptive is not a source of danger to any one in the ordinary intercourse of society and home. If this is so, let us say so with all emphasis of authority, and we must not act or make others act if we do not believe it. I wish in particular to call to your notice the fact that in the official instructions of both France and Germany, the whole attention is concentrated upon the expectoration, while upon the person of the consumptive the bane of suspicion is not cast. Every detail of injunction, as well as expressed statement, has the effect of liberating the consumptive from all social disability, so long as he is able to go about, *provided* he is careful to follow the simplest precautions as to expectoration; and when he is sick and bed-ridden, *provided* his attendants take up the role as to the expectoration and are cleanly as to his other discharges. The position is logical and unassailable. If you accept the doctrine as sound, the practice must be conceded as sufficient. To again quote Dr. James B. Russell:—

> "Let there be spittoons handy for everybody; don't put your spit in the way of becoming dust; don't anywhere stir up the dust in inclosed places. The remedy is so common-place, that, after reading all that has been written and spoken and proclaimed and enjoined, when we look at our notes and find nothing but sputum, spittoons and dust, we are apt to show a little temper like Naaman when he expected the Prophet to hold a solemn function over his leprosy, and he merely told him to go and wash himself.
>
> "No doubt the very simplicity of the prescription will constitute the great difficulty in the way of its acceptance and observance. To the vulgar a 'spittle' is symbolic of all that is insignificant and contemptible. To base a cardinal matter of the sanitary practice and regulation upon the how and when and where the people are to spit, requires some moral courage. Only a clear comprehension of, and a firm belief in the doctrine that practically consumption is communicable through dried expectoration, and nothing else, will save the practice from ridicule."

It indeed requires a high degree of moral courage to enforce laws against the disgustingly offensive habit of spitting, which mean to compel the male sex to refrain for hygienic reasons, from doing that which the female sex, from a sense of propriety, never does.

I therefore recommend that a circular of information be prepared and issued to physicians and the public, based upon the following facts:—

1. Tuberculosis is a communicable disease and distinctly preventable.
2. It is acquired by direct transmission of the tubercle bacillus from the sick to the well,— usually by dried and pulverized sputum floating in the air.
3. It can largely be prevented by simple and easily applied measures of cleanliness and disinfection.

List of Pamphlets and Leaflets issued by various authorities regarding Consumption:—

1. "Schutz von Schwindsucht" leaflet distributed by Dr. Cornet to his patients. See translation, page ( ).
2. State Board of Health of Maine. Circular No. 64 (1889).
3. "Gutachten der Koeniglich Preussischen Wissenschaftlichen Deputation fur das Medizinal-Wesen betreffend Massregeln gegen Verbreitung der Tuberkulose ver öffentlicht von Koeniglichen Policei-Prasidium zu Berlin." A pamphlet of fourteen pages published by the authorities of Berlin (1891), for the instruction of the public as to the modern doctrine of tuberculosis.
4. Hints to prevent the spread of Consumption, by Dr. Huggard, Davos Platz, Switzerland, *British Medical Journal*, October 1st, 1892.
5. Massregeln gegen Verbreitung der Schwindsucht, a leaflet distributed by the Municipality of Berlin, 1891.
6. North London Consumptive Hospital, Directions to Out-patients, a sensible, judicious little code.
7. "Moyens de prévenir la contagion de la Tuberculose" a code adopted and distributed by the Ligue preventive contre la Phthisie pulmonaire et autres tuberculoses."
8. Information for Consumptives and those living with them, a leaflet issued in English, German, Italian and Hebrew by the Health Department of New York.
9. Restriction and Prevention of Consumption, 1894 leaflet issued by the Michigan State Board of Health.
10. "Precautions against the communication of Consumption," by Medical Officer of Health of Manchester, Dr. Niven, an extremist.

11. Memoranda on Precautions against the Infection of Phthisis or Consumption, a four-page pamphlet drawn up by Dr. Vacher, Medical Officer of Health, Cheshire County Council.

12. Prevention of Consumption, an admirable little leaflet issued by Manchester & Salford Sanitary Association.

13. Precautions against taking Consumption, leaflet distributed by the County Borough, Oldham, annually from house to house.

14. "Ville de Bruxelles." Instructions practiques pour prevenir et combattre la tuberculose. Rapport fait an nom d'une Commission du Conseil superieur d'Hygiene publique par le Docteur E. Janssens.

15. Memorandum of the North-Western Branch of the Society of Medical Officers of Health as to the prevention of Phthisis or Consumption (1892). An extreme and alarmist's production.

CORNET.

PROTECTION FROM CONSUMPTION.

The most destructive disease of the human race is consumption. (Tuberculosis.) It carries off a seventh of the population. (?) In Germany alone there die yearly of consumption, well-nigh 150,000 people. It has been discovered that this disease is caused by the inhalation of a germ, a so-called bacillus. It is infectious, that is, it can be given by any person to another, but neither the breath nor perspiration of the patient is at all dangerous, as used to be supposed. Infection generally takes place through the spit, and, according to the latest inquiries, especially when the spit is discharged by the consumptive upon the floor or in a handkerchief, where it dries and becomes dust and some of the swarm of germs contained therein are inhaled by healthy people. Many other diseases, such as diphtheria, pneumonia and various forms of catarrh may be communicated in a similar way. Consumptives endanger not only those about them, but themselves, through the drying of their spit, because they again inhale the discharged and dried bacilli and thus infect hitherto sound parts of the lungs. Such infection may be avoided if consumptives, and indeed all who have a chronic cough with expectoration, keep this expectoration always moist; if they give up spitting on the floor or into a handkerchief, and always use a spittoon which is emptied down the water-closet.

Spittoons must be placed wherever it is necessary in every inclosed space frequented by men. They ought not to be filled with sand or saw-dust, but either left entirely empty or supplied with a very little water. They ought to be on hand in sufficient numbers in every apartment of houses, in workshops and factories, in counting houses, schools, offices, public places, in corridors and on stairs, so as to give every one a convenient opportunity of observing these injunctions. In this way healthy people who have to remain within the same room as consumptives, will be almost entirely protected from infection.

Posters ought to be put up in factories, work-places, etc., forbidding most strictly spitting upon the floor or into a handkerchief.

On the street where spitting can scarcely be prevented, certain other circumstances diminish the risk of infection.

Let every man, even though suffering from an ordinary cough, discharge his spit not on the ground, not in a pocket handkerchief, but always in a spittoon.

Milk ought, as far as possible, to be used only after boiling, especially by children, invalids and convalescents.

By strict observance of these injunctions, consumptives are made almost harmless to those about them; and all the more that the bacilli can live outside of the body only for about six months, it may be hoped that, if these rules are followed by the sick, consumption in general will diminish.

NO. 2.

BERLIN.

MEASURES AGAINST THE SPREAD OF CONSUMPTION.

Pulmonary or laryngeal consumption (Tuberculosis) is communicated to the healthy by means of the tubercle-bacilli contained in the expectorations of the sick when the spit dries, becomes dust and is thus inhaled. The discharge from the bowels of such persons, may, in a like manner, act injuriously. *If those matters are rendered harmless the spread of consumption is prevented;* the healthy are protected from the sick.

In order to prevent drying and the production of dust, the consumptive, indeed every person who has a cough (people with a cough are often not aware that they are actually coughing up tubercle bacilli) ought to spit in vessels containing a little water (spittoons of earthenware or glass). No person ought ever to spit upon the floor or into a pocket handkerchief. For the reception of sputum, spittoons should be placed in the dwelling of all who are ill with a cough, and indeed in all houses, on the stair-landings, but especially in such buildings and rooms as are used by the public (hotels, places of amusement, meeting-places of all kinds, schools, etc.) These spittoons should be 8 to 10 inches in diameter, 2 inches in height, with *smooth* slightly inverted edges, made of strong, smooth glass, porcelain, earthenware or enameled iron, containing water to the depth of half an inch or thereabout.

In places of public resort, there should be a clearly legible inscription on the wall, " Spittoons for the use of persons troubled with a cough." The water must be renewed as it evaporates; the spittoon to be emptied down the water closet and washed daily with boiling water.

Cleanliness of all places is the *first condition of a successful* public health administration; consumptives ought *especially* to study cleanliness.

The sitting and sleeping rooms of consumptives ought to be provided with washable curtains, table covers, etc.; with no carpets on the floors or woolen runners on the stairs, and contain as little furniture as possible, with washable easily removable covers (dusters). Elastic iron garden seats, with washable covers or movable cushions, are the most suitable furniture and facilitate cleaning and disinfection of the room and its contents. Bed mats should be made of washable jute material. Wipe the *whole* floor of every room over with a damp cloth daily to remove the dust, and even in the winter ventilate thoroughly for *at least* an hour. The room should be thoroughly cleaned weekly, and every three months be disinfected according to the directions of the code of seventh, February, 1887, prescribing the process of disinfection in epidemic diseases. The fulfillment of these instructions, especially the harmless removal of the expectoration, enables the intercourse of the healthy with consumptives to be carried on without scruple, and prevents the spread of this most destructive disease.

" May everybody, according to his circumstances, co-operate to this end."

NO. 3.

REPORT OF THE ROYAL PRUSSIAN SCIENTIFIC COMMITTEE FOR MEDICAL AFFAIRS REGARDING MEASURES AGAINST THE SPREAD OF TUBERCULOSIS, PUBLISHED BY THE ROYAL POLICE PRESIDENCY OF BERLIN, 1891.

PUBLIC NOTICE.

By order I publish below an abstract of a Report of the Royal Scientific Committee for Medical Affairs regarding measures for the prevention of the spread of consumption. (Tuberculosis of the Lungs and Larynx.)

I respectfully request all persons concerned, private as well as official, more especially directors of institutions, proprietors of hotels and restaurants, places of amusement, such as theaters, concert halls, dancing saloons, etc., each in his own sphere, in his own, as in the general interest, to promote and support the carrying out of the measures recommended in this report, in order, as far as possible, to limit the most destructive of all diseases.

REPORT OF SCIENTIFIC COMMITTEE.

BERLIN, 5 Nov., 1890.

Dr. Heller's measures are mostly based upon the results of Dr. Cornet's investigation. From these the following are the chief conclusions:—

1. The bacilli of tubercle are *not* distributed everywhere; (ubiquitous) they are not to be found even in one-third of the rooms occupied by tuberculous persons.
2. They are chiefly distributed by the expectoration of tuberculous persons.
3. And, in fact, mainly by expectoration, when dried and turned to dust.
4. In this aspect, the usual measures of disinfection are for the most part insufficient.

The relative propositions of Heller's Report run:—

Practically the question resolves itself into this,—to induce consumptives to dispose of their expectoration in a manner devoid of risk to themselves and others; and further, in places of public resort to which consumptives may, with others, repair, to adopt such measures that tubercle bacilli incautiously scattered may be made innocuous.

The harmless disposal of expectoration is to be effected thus,—by placing in all public buildings, is as already done in many, an ample supply of spittoons for the use of those frequenting them, and by providing for their regular and appropriate cleansing. The same provision should be enforced in factories, work shops and similar work places, exactly like other precautions for the protection of work-people.

Regular damp cleansing of rooms is to be carried out. Every dry sweeping increases the danger.

To carry out these measures will present no difficulty in many public buildings, such as Courts of Law, railway stations, post offices, barracks, orphanages, workhouses, poorhouses and prisons. Also in hospitals there will be no difficulty in the strict enforcement of such measures. Similar arrangements could be provided in railway carriages for those who cough.

The chief question will be experienced in school. Children subject to expectoration should get special seats near spittoons, or use Detweiler spit bottles, otherwise be excluded. Consumptive teachers must very specially be enjoined to observe these precautions themselves. This holds good also for boarding schools, créches, and children shelters. It would also be desirable for hotels, public houses and theaters.

There are further recommended suitable public disinfecting establishments; disinfection of soiled linen and dwellings of persons who die of tuberculosis; also from time to time of the dwelling of tuberculous patients; the exclusion of consumptives from occupation as nurses and midwives. Attention is also directed to the danger of the sale of food by consumptives. Street cleaning must not be done without water; watering of streets should be done more freely.

Another section of the dissemination of tuberculosis, viz., by animals, may the more readily be omitted here, as Heller himself says the procedures already in force in Prussia seem meanwhile to be correct.

In conclusion, the following among other things are required:—

1. Compulsory notification and disinfection in fatal cases of tuberculosis.

2. Precautions for the removal of expectoration in all public and, so far as possible, in all private buildings and institutions of public resort, especially schools, business premises, hospitals, and prisons.

To the question put by your Excellency, whether Heller's proposals can be made the basis of ordinances by the Medical Department, we must in general reply in the affirmative, —all the proposals made by Heller are, though not to the same extent, worthy of an experimental trial.

There are still other aspects of the matter which present themselves.

1. We should induce consumptives to dispose of their expectoration in a way involving no risk to themselves and others, but we must, as was often emphasized in recent discussions on the subject, avoid everything which creates in the unfortunates the feeling of being condemned, shunned, outcast. The sting is taken from every rule we impose upon tuberculous persons in the way of restricting the free evacuation of their sputum and otherwise, if we afford them a better chance of being cured than hitherto. There is a possibility of recovery at the outset of the disease, but general hospitals are the only refuge for the poor man if he seeks help and attendance.

The spread of tuberculosis will be more effectively opposed by promoting the erection of special hospitals for poor tuberculous persons. It is very desirable to relieve the mixed hospitals of the large cities and districts by the erection of such institutions. So long as mixed hospitals receive tuberculous patients, care must be taken that they are taken from the other sick; at all events these institutions have to furnish proof that the air is free from tubercle-bacilli.

2. It is hoped that the medical profession will more and more remember the many opportunities which the more recent development of knowledge regarding tuberculosis affords for the useful activity of the family physician. This includes the early recognition of the disease, when it is more easily curable; isolation of the sick in the family; dissuasion from marriage; also the care to make harmless and to remove the expectoration.

3. Much more can be done in the last direction through the nurse. Into the hands of every professional nurse ought to be put directions how to deal with infectious excretions from the body of the sick so as to make them harmless. Let it be emphasized that the health of the nurse herself is deeply involved in the question.

II. 1. In places frequented by consumptives among others, unexpectedly scattered tubercle-bacilli should be made innocuous and expectoration removed without harm by placing about easily cleaned spittoons. Here the question arises,—in what form and of what material ought spittoons to be made? They should be shallow and large so as not to be easily missed, which should be accomplished not by everted edges, but by the largeness of the vessel. According to circumstances, the diameter must be 6, 8 or 10 inches (saucer, dessert plate, soup plate), bottom flat, about two inches high; rim somewhat inclined outwards, the surface smooth and no handle. Although metal may readily admit of cleaning by heat, still it easily becomes uneven and rough, and even porcelain soon acquires small, rough, broken surfaces. The vessel may be constructed of thick glass, which is cheap, well suited for the purpose and sure to stand boiling water. The spittoon is to contain as much water as will not readily spill. The question which is frequently raised (as in the debate at Munich) whether the contents ought to be disinfected before being emptied out, we may answer in the negative. Chemical agents merely coagulate the albumen and penetrate no further. Boiling would be certain, but difficult to carry out. Therefore there is nothing to be done but empty it down the drains or into the water closets where the sputum remains moist and therefore harmless (addition June, 1892). When necessary the drying up or freezing, spilling of the contents of the vessel, and drinking therefrom by domestic animals, may be prevented by the addition of chloride of lime or common salt to the water, or by the special fastening or shape of the vessel.

2. This precaution is most necessary in barracks, hospitals and prisons. In barracks it has already been introduced. In hospitals it must be made obligatory.

(a) To place large spittoons on stair landings, in water-closets, in the grounds; smaller by the bedside of patients who have cough.

(b) To exhibit placards in which patients are requested to use the spittoons, in which it is also forbidden to spit on the floor, on the walls or in handkerchiefs.

(c) To remove all rugs, carpets and such like, which are calculated to retain expectoration.

Further, as already said, washable walls, smooth floors, etc., must be insisted on; dry dusting to be forbidden.

It seems desirable to require from all hospitals, information regarding —

(a) The number of tuberculous patients treated and died during the last three years.

(b) Any cases of infection with tuberculosis of healthy, or otherwise sick persons, which may have been observed.

(c) The extent to which the above precautions are observed.

3. As concerns jails in Bavaria, experiments have already been instituted in this direction; to thoroughly cleanse the jail, to maintain therein the strictest cleanliness and to observe whether, in this way, the frequency of tuberculosis would diminish. In this connection, no time must be lost through preliminary experiments at the cost of the living, for the decision of scarcely doubtful questions, but a general requirement must be made that in jails —

1. Tuberculous persons be recognized and noted at the earliest possible moment on admission, or subsequently by periodic examinations.
2. The sick to be separated from the healthy.
3. Thorough cleansing of the sleeping and work room and continued maintenance of cleanliness therein be made a duty.
4. Exclusive use of proper spittoons for the discharge of expectoration be prescribed.
5. That, as far as possible, work in the open air be instituted.

These views are applicable to many other closed institutions, orphanages, schools, convents.

In schools, the sicknesses of the teacher are of greater importance than those of the scholar, as least as far as concerns the younger children. The lymphatic glands of the chest and brain (Heller) are affected with tuberculosis more frequently in children than the lungs, besides, children are not ready to expectorate and they swallow their sputum. In the higher, especially the boy's classes, the spittoon is no doubt of greater importance.

In general it must be ordered that in schools. — Teacher and scholar expectorate within the school buildings only in spittoons to be provided of proper construction and in sufficient number or in a Dett-weiler's bottle.

2. In school rooms dust must, as far as possible, be avoided and only removed by some moist method.

3. Scholars coughing frequently are to be kept specially under observation by teachers, with reference to rule I.

4. Absence from school to be permitted to scholars having chest diseases, with special readiness for a sufficient time to promote cure.

5. In hotels, proper spittoons must be required to be placed in public rooms, and disinfection of bedding and rooms which have been occupied by tuberculous persons, or in which they have died, should be prescribed. In health resorts which are much frequented by the tuberculous, the imposition of stricter requirements on landlords and those who let rooms (disinfection at the close of each season), should be urged and promoted by local laws or local police ordinance.

6. Railways might promote the diminution of tuberculosis by placing spittoons of proper sort in stations; by limiting the use of carpets, cloth curtains and the like in the carriages at the cold season as well as by moist cleansing of carriages. It must be remembered that the smooth material that is used for covering the seats retains dust much less than the plush stuffs that are usual with us. Spittoons containing water, probably shaped somewhat like an urn, should be provided at least in the sleeping carriages; carriages for long journeys (so called through carriages) and those which accommodate the traffic to certain health resorts such as to Soden, Ems, Salzungen, Lippspinge.

While midwives suffering from tuberculous disease may be interdicted from practicing their calling, one must look for the prevention of the great mischief which is brought to families through tuberculous wet-nurses, nursery maids and governesses, to the gradual enlightenment of the public and to the faithful advice of physicians.

7. In boarding-schools, nurseries, creches, the exclusion of the tuberculous from the exercise of the calling of a nurse, must be enforced.

8. Of the remaining points mentioned by Heller's proposition, these still require special mention.

DEALERS IN FOOD.

While it can scarcely be doubted that in certain circumstances the sputum bacilli of a baker and the like may be so distributed in his shop that they must be sold with the goods, still from the standpoint of the authorities, little more can, in the meantime, be required than scrupulous cleanliness in shops.

OTHER MANUFACTURERS.

In view of the great frequency of tuberculosis among working men employed in certain trades (steel, stone, cotton, tobacco) the new view that inhalation of dust is only a predisposing cause,— infection the real cause,— gives a reason for new and various exertions to protect the work people. For such work there must be required,—

1. An ample supply of suitable spittoons in places convenient to every working man.
2. Prohibition of expectoration anywhere but in a spittoon.
3. Damp cleaning of workrooms.
4. Arrangements which will facilitate sick workmen in seeking health abroad.
5. The instruction of workers regarding the important part of expectoration in spreading tuberculosis.

In tuberculosis of workers in tobacco works, a risk has already been recognized for those who smoke cigars which are made there. Also the spread of tuberculosis in small manufacturing towns far outside the circle of the workers, proves that the manufacturers and their employees are not the only persons touched by the matter.

III. The provision of disinfecting apparatus by communities, societies, hospitals, is to be recommended and promoted as much as possible. It serves many other good ends, but will be specially useful for the disinfection of linen clothing and bedding of tuberculous persons. In hospitals the disinfection of the above belongings of a tuberculous patient should be ordered; elsewhere, it should be proposed by way of advice by physicians, clergymen, magistrates, nurses, coroners. In the same way, an endeavor should be made to obtain from time to time through cleansing of the dwellings of tuberculous persons. Also the demand for cleansing streets by the copious use of water seems worthy of all possible support from the authorities.

In view of the importance of the matter for the public health, the editors of all the newspapers are earnestly requested to give as much publicity as possible to this report,

The publishing house of A. W. Hayn's heirs has issued prints in hand size for 25 cents. At the same place, also, short popular "Measures against the spread of Tuberculosis" for the sick and their relations, as well as for general distribution for the purpose of instruction, may be obtained on half sheets for 50 cents per 100.

NO. 4.

HINTS TO PATIENTS CONCERNING THE SPREAD OF CONSUMPTION, BY W. R. HUGGARD, M. D., DAVOS PLATZ, SWITZERLAND.

All cases of tuberculous disease of the lungs (consumption) take origin directly or indirectly from other cases. This is now an established fact. Infection, however, is easily provided against, if certain simple precautions are taken.

The chief modes of infection are:—

1. *By inhaling dried and pulverized expectoration.*

This is apt to occur when an ordinary pocket handkerchief is used by a tuberculous person for expectoration. When such a pocket handkerchief is opened, the dried expectoration is likely to be pulverized and diffused through the air. Thus it may be inhaled by others, as well as by the patient himself, who is likely to suffer from drawing disease-germs into portions of lung previously unaffected.

Another source of pulverized expectoration is the habit of spitting on the ground. The expectoration becomes mixed with the dust and is easily carried into the air. This habit, therefore, is not merely offensive, but dangerous.

2. *By using spoons, cups and other articles of the kind which have not been properly washed after having been used by tuberculous persons.*

3. *By kissing.* This source of infection is especially to be guarded against in the case of children.

Self-infection may occur, in addition to the ways mentioned, by *swallowing the expectoration.* This habit is likely to lead, sooner or later, to infection of the intestines with tuberculous disease.

Knowing the channels of infection, we can easily take effective precautions.

1. *The sputum must be destroyed and must not be allowed to become dry.*

A spitting cup or flask containing just enough disinfecting solution to cover the bottom of the vessel, should always be used for the expectoration. Out of doors a pocket spitting flask, such as Dett-Weiler's, should be employed.

Pieces of linen or calico about ten inches square may also be carried. These should be used only in case of absolute necessity, and should be burned as soon as possible afterwards; no piece should be used more than once.

Bed-rooms that have been used by tuberculous patients should be *thoroughly disinfected* before they are occupied by other persons; and a declaration or assurance on the point should always be demanded. If the previous occupant of the room never allowed the furniture, hangings or carpets of the room to be contaminated with the sputum, there would be little need for this precaution, but as people, ordinarily of cleanly personal habits, sometimes show surprising ignorance or carelessness in this respect, the following points should be insisted on:—

(a) Carpets, curtains and bed-coverings should have been exposed to superheated steam under pressure.

(b) The floor and walls of the room should have been properly disinfected. (Rubbing with new bread, followed by the application of corrosive sublimate solution, is probably the most effective practical method.)

There is no danger of infection from the mere breath of a tuberculous patient. The sole danger of social intercourse arises from the neglect of the precautions described.

Fresh air is of the highest importance for tuberculous persons. Hot and stuffy rooms have an evil influence over the disease. Except in special circumstances, the bed-room window should be kept open by night as well as by day.

NO. 6.

NORTH LONDON CONSUMPTION HOSPITAL.

MOUNT VERNON, HEMPSTEAD, N. W.,
and 41 FITZROY SQUARE, LONDON, W.
December, 1892.

Direction to out-patients.

As it is now known that the phlegm coughed up in censumption contains the seed of disease,—

Do not swallow your expectoration.

This habit may lead to consumption of the bowels.

Do not spit about the floor, nor into any utensil unless it contains a disinfectant.

Do not spit about the streets.

Indoors use a special spitting cup or other vessel in which is some disinfectant.

Outdoors use a pocket handkerchief, or the use of a piece of rag or paper which must be burned as soon as you get home.

You can get some disinfectant from the dispenser for use in the spittoon or spitting-cup.

The contents of the *spittoon* should be mixed with some more disinfectant before being emptied.

The spittoon should be emptied into the pan of the water closet, or into a bright fire, but *never* anywhere else, *not even into the dust heap.*

If you spit into a pocket handkerchief, it must be *boiled* for five minutes, as soon as it is done with.

Keep your room well aired, throw the window wide open when you leave the room, and always keep it open at the top all night. If there is a fire-place in your room, do not stop up the chimney, but always keep it free for the passage of air.

Keep your room *clean;* do not allow dust to remain on the floor.

Consumptive patients should sleep *alone.*

Mothers who are consumptive should *not suckle* their children.

NO. 7.

FRENCH LEAGUE.

Tuberculosis is a contagious disease. The microbe, which is the medium of infection, resides especially in the dust produced by the expectoration of consumptives and the pus from tuberculous sores when dried. Therefore, the most certain method of preventing contagion is to destroy the expectoration and pus by boiling water or fire before they become dry.

The parasite is also sometimes found in milk of tuberculous cows, so that it is prudent not to use milk until it has been boiled,— especially if it is for the use of children. The Academy calls the attention of the authorities concerned to the risk imposed by tuberculous persons on communities under their charge, such as schools, barracks, large establishments and State workshops.

This code is prefaced by some facts to show the gravity of phthisis as a cause of ill-health and death, and by an exposition of the modern doctrine, in the course of which this sentence is printed in emphatic type:—

"We know further that the consumptive is not in the least dangerous by contact or proximity; that it is neither his body nor his breath which is hurtful, and we can chat with him for hours, live with him for years, and even sleep in his room and give him the most constant care without running any risks, *provided we take certain precautions*, the chief of which is to collect his expectoration and not to delay the destruction of his spittle until it becomes dry and is disseminated as dust into the atmosphere.

NO. 8.

NEW YORK.

INFORMATION FOR CONSUMPTIVES AND THOSE LIVING WITH THEM.

Consumption is a disease which can be taken from others, and is not simply caused by colds. A cold may make it easier to take the disease. It is usually caused by germs which enter the body with the air breathed. The matter consumptives cough or spit up contains these germs in great numbers; frequently millions are discharged in a single day. The matter spit upon the floor, wall or elsewhere, is apt to dry, become pulverized and float into the air as dust. The dust contains the germs and thus they enter the lungs with the air breathed.

The breath of a consumptive does not contain the germs and will not produce the disease. A well person catches the disease from a consumptive only by in some way taking in the matter coughed up by the consumptive.

Consumption can often be cured if its nature is recognized early and proper means are taken for its treatment. In a majority of cases it is not a fatal disease.

It is not dangerous for other persons to live with a consumptive if the matter coughed by the consumptive is at once destroyed. This matter should not be spit upon the floor, carpet, stove, wall or street, or anywhere except into a cup kept for that purpose. The cup should contain water so that the matter may not dry, and should be emptied into the closet at least twice a day and carefully washed with hot water.

If handkerchiefs are used (worthless cloths which can be burned are far better) they should be boiled in water, by themselves, before being washed.

When consumptives are away from home, the matter coughed up may be received on cloths, which should at once be burned on returning home.

Great care should be taken by a consumptive that his hands, face and clothing do not become soiled with the matter coughed up. If they do become soiled they should at once be washed with soap and water.

It is better for a consumptive to sleep alone, and his bed clothing and personal clothing should be boiled and washed separately from the clothing belonging to other people.

When a person is thought to be suffering from consumption, the name and address should be sent at once to the Health Department on a postal card with the statement of the fact. A Medical Inspector from the Health Department will then call and examine the person to see if he has consumption, providing he has no physician, and, if necessary, will give directions to prevent others from catching the disease.

Frequently a person suffering from consumption may not only do his usual work without giving the disease to others, but may also get well if the matter coughed up is properly destroyed.

Rooms that have been occupied by consumptives should be thoroughly cleaned, scrubbed, whitewashed, painted or papered before they are again occupied. Carpets, rugs, bedding, etc., from rooms which have been occupied by consumptives, should be disinfected. The Health Department should be notified, when they will be sent for, disinfected, and returned to the owners free of charge; or, if he so desires, will be destroyed.

By order of the Board of Health,

Charles G. Wilson, President. Emmons Clark, Secretary.

NO. 12.

MANCHESTER AND SALFORD SANITARY ASSOCIATION.

(Tract Series No. 16.)

PREVENTION OF CONSUMPTION.

It is now well known that consumption is often caused by the breathing of matter coughed up by consumptive persons, which, when it becomes dry, is blown about in the air as dust. This dust contains the poison which is the active cause of the disease if it is left in contact with any filth, or floating about in foul air, it is dangerous even to healthy persons, but it is essentially hurtful to those of weak lungs, though the danger is diminished in houses that are kept clean, properly drained and well ventilated.

It is therefore the duty of all persons suffering from this disease to take care that all expectorated matter is destroyed at once and not allowed to get dry and powdery, and to see that their houses are in good sanitary condition. To insure this being done, the following rules should be observed: —

1. All matter coughed up from the chest should either —

(a) Be spit in the fire, or

(b) should be received in a vessel lined in such a way with a piece of paper, that the paper and its contents may be lifted out and burnt.

2. Rags which can be burnt should be used instead of pocket handkerchiefs, and if a pocket handkerchief is used, it should be well boiled before the matter upon it has had time to become dry and powdery.

The room and furniture used by persons suffering from advanced consumption should be frequently cleaned by washing with soap and water and should also from time to time be thoroughly disinfected. All unnecessary bed-hangings and curtains should be removed.

As plenty of fresh air is absolutely necessary to persons suffering from or hreatened by consumption, their houses should be kept clean and thoroughly ventilated; if this is done, it will greatly aid in the cure of disease and there will be little or no danger of contagion. The windows of both the living rooms and bed-rooms should be kept open more or less, according to the weather, day and night, although direct drafts should be avoided. If the clothing and bedding are sufficient, mere cold need not be feared, but if possible a fire should be kept burning in the room to ventilate it.

The Chimney Should Never be Blocked Up.

Consumptive persons or persons threatened with consumption should spend as much time as possible in the open air and should keep away from close and crowded rooms, whether they be concert halls, meeting houses, theaters, public houses, or the like.

No. 15.

MEMORANDUM OF THE NORTHWESTERN BRANCH OF THE SOCIETY OF MEDICAL OFFICERS OF HEALTH, AS TO THE PREVENTION OF PHTHISIS, OR CONSUMPTION.

(1) It has been abundantly proved that "Phthisis" or "Consumption" is an infectious disease.

(2) It does not appear that this disease is very, if at all, infectious *through the breath of a patient;* but it is quite certain that it is infectious by means of the sputum (expectoration) which a sick person coughs up from his diseased lungs.

(3) The means of preventing the spread of Phthisis, therefore, from person to person, are made very simple, by reason of the infective material being easily recognizable.

(4) The manner in which Phthisis is usually spread from one person to another by means of the sputum is as follows: —

(a) A consumptive patient coughs up a quanity of sputum in which are enormous numbers of the specific germs, *bacilli-tuberculosis.*

(b) Sputum lodges where it is spat on, and there dries.

(c) When dried, the sputum is usually pulverized and floats in the air as dust.

(d) The germs contained in the sputum, though dried, are still living and able to infect the air in which they are suspended.

(e) The infected air when breathed is liable to cause Phthisis. This is more particularly true of people who are already suffering from Phthisis and whose recovery is thus prevented.

(5) All phthisical sputum must, therefore, be burnt or efficiently disinfected if any decided measure is to be taken to prevent the spread of Phthisis from person to person.

(a) The sputum from consumptive people should be at once burned by being spat into the fire, or, better still, spat into a piece of paper or rag, which should be at once burned.

(b) Sputum may, however, be spat into a glass or porcelain vessel containing *a 15 per cent solution of carbolic acid*, or, if carbolic acid cannot be obtained, simply some water. The contents of this vessel should be emptied once a day into the sewer outside, after which the vessel should be washed with boiling water and recharged.

(c) All persons affected with a cough which has become chronic, should, *when attending a workshop, assembly or church, spit into a hand glass spittoon* containing the aforenamed disinfecting solution. Such a spittoon may be conveniently attached to the person.

(d) No person, suspected to have consumption, should spit into a *pocket handkerchief*, or into a rag or on clothes, unless such be forthwith burned.

(e) No person, *whether consumptive or not*, should, on any account, spit on the floor or walls of any room, railway carriage, or public conveyance.

(f) The eating utensils should be kept separate from all eating utensils of other persons and should be washed separately from others in boiling water, as soon after their use as possible.

(g) The clothing of a consumptive person must be washed separately from the clothing of other persons.

(h) The *bowel discharges* of a consumptive person should be disinfected with the aforenamed solution; (b) and soiled linen should be at once boiled.

(i) A consumptive patient should, as far as possible, occupy a separate room or rooms, and where this is not possible, special care should be exercised in destroying the sputum and excreta of the patient.

(j) The furniture of a consumptive patient's room should be as simple and plain as possible, without fluting or carving, which provide lodgment for dust; especially should hangings and unnecessary carpets and rags be avoided.

(k) When it is settled that any member of a household is consumptive, *the whole house should be at once thoroughly cleaned, including the walls and ceilings;* the furniture and floors should be washed with water as near boiling temperature as possible and containing carbolic acid in the proportion of four tablespoonfuls to a gallon of water; the walls should be cleaned down with crumbs of bread, the ceilings whitewashed and clothing and bedding disinfected by steam or by boiling as in the case of any one of the other infectious diseases.

(l) The walls, floors and ceilings of the living and sleeping rooms of persons suffering from Phthisis, should be *cleaned and disinfected in the foregoing manner once in every two months.*

(m) The room or rooms of a consumptive patient should, *in the event of death*, be *disinfected* as after death from one of the infectious diseases.

(6) There are several further practical measures which may be taken to prevent the contraction of the disease, and which are not difficult to carry out.

(a) A mother who is suffering from consumption should, on no account, be allowed to suckle her child.

(b) All cow's milk, especially that for the use of children, should be thoroughly boiled before being drunk. There is no sort of legitimate doubt that tuberculosis in children is largely caused by the use of unboiled milk from consumptive cows. There is no truth in the belief that boiled milk loses its strength or is less digestible.

(c) All meat should be thoroughly well cooked and not be eaten underdone.

(d) The lungs of all people should be more thought of and cared for by themselves than is at all common at the present time.

(e) The *dwellings of all people* should be well and freely ventilated at least once in every day, and all dark corners and recesses therein should be kept scrupulously clean.

(f) The lungs of all persons should be specially protected from the bad influences inseparable from damp and overcrowded dwellings and from dusty occupations.

(g) Some household pets (for example cats), are susceptible of tuberculosis, and, if suffering from any chronic disease, should be destroyed.

(7) If the general public and those who suffer from Phthisis would undertake to put the foregoing advice into actual practice, there can be no question, that there would in the next few years, be a marked decrease in the fatality from Phthisis in this country. Moreover, it has been shown that Phthisis in its less advanced stages is a curable disease, and there is every encouragement to adopt the protective and hygienic measures for the benefit of a patient suffering from the disease.

TABLE XXVI.

YEAR.	Population.	TABLE SHOWING DEATHS FROM PHTHISIS PULMONALIS FOR 30 YEARS.				Per cent of deaths from Phthisis Pulmonalis to every 1000 population.
		Total Deaths.	Annual Death rate per 1000.	Deaths from Phthisis Pulmonalis.	Per cent. to Total Deaths	
1867	265,836	6,538	24.5	464	7.1	1.74
1868	280.485	5,193	18.4	503	9.6	1.79
1869	295,854	5,884	19.9	501	9.7	1.89
1870	310,864	6,670	21.4	620	9.2	1.99
1871	314,829	5,265	16.6	599	11.3	1.90
1872	318,794	8,047	25.2	568	7.0	1.78
1873	322,759	8,551	26.5	751	8.7	2.32
1874	326,724	6,506	19.9	581	8.9	1.77
1875	330,689	7,532	22.7	740	9.8	2.23
1876	334,654	6.019	17.9	721	11.9	2.15
1877	338,619	5,660	16.7	686	12.1	2.0
1878	342,584	6.002	17.5	730	12.2	2.10
1879	346,559	6,167	17.7	781	12.6	2.25
1880	350,518	6,636	18.9	786	11.8	2.24
1881	361,466	8,410	23,2	913	10.8	2.52
1882	372.414	7,845	21.0	870	11.0	2.33
1883	383,362	8,177	21.3	944	11.5	2.45
1884	394,310	7,887	20.0	845	10.7	2.14
1885	405,258	7,490	18.4	888	11.8	2.11
1886	416,206	8,268	19.8	915	11.0	2.19
1887	427,154	9,155	21.4	829	9.0	1.94
1888	438,102	9,015	20.4	800	8.8	1.82
1889	449,050	8,004	17.8	655	8.18	1.45
1890	460,000	8,409	18.2	843	10.2	1.83
1891	481,666	9,530	19.7	869	9.1	1.80
1892	503,332	10,225	20.5	882	8.6	1.53
1893	525,000	10,303	19.6	984	9.7	1.87
1894	546,666	8,710	15.9	875	10.0	1.60
1895	568,332	9,425	16.5	1,000	10.6	1.75
1896	590,000	9,897	16.7	1,026	10.3	1.73
Total and percentage		231.360	19.8	23.239	10.1	1.97

TYPHOID FEVER.

The observations of Pfeiffer, Gruber and Widal, upon the peculiar action of blood serum of persons sick with typhoid fever, or of animals immunized against typhoid fever, when mixed with recent broth cultures of the typhoid bacillus, opens up a new field for the practical application of bacteriological work to the study of infectious diseases. Widal, and later Wyatt Johnston of Montreal, showed that the reaction occurred with dried blood as well as with fresh; and to Wyatt Johnston belongs the credit of suggesting the use of dried blood in place of blood serum for the rapid diagnosis of typhoid fever by municipal laboratories.

In 1892, Gruber described an agglutination of cholera spirillum that occurred in guniea-pigs dead of cholera infection. In various publications, 1894–5, Pfeiffer describes the immunization of animals with cholera vibriones and typhoid bacilli. He claimed that by mixing the blood of immunized animals with cholera spirilli and injecting the mixture subcutaneously into animals, no reaction would take place; but if a mixture of cholera cultures and the blood of non-immunized animals were injected into animals they promptly died. Pfeiffer claimed in this way to be able to make a differential diagnosis between cholera and other vibriones.

In a communication to the Deutch. Med. Wochenschrift, March, 1896, by Pfeffer and Knolle, upon "The differential diagnosis of typhoid fever by means of serum of animals immunized against Typhoid Infection" the authors claim that by means of the serum of convalescents from typhoid fever, or animals immunized against typhoid infection, the typhoid bacillus can be differentiated from the bacillus coli communis or other bacilli resembling the typhoid bacillus.

The method of demonstrating this is by making a mixture of serum with cultures and introducing it into the peritoneal cavity of guinea-pigs, agglomeration and agglutination of the bacilli occur and can be followed microscopically; finally there is deformity and solution of the micro-organisms. The reaction is *specific* and does not affect the animals. "This reaction takes place only with the typhoid bacilli, and is a specific reaction due to the bactericidal reaction of the typhoid serum." They further showed that when the serum of a goat that had been immunized against typhoid infection was diluted with 40 parts of bouillon, and a similar dilution made with blood of non-immunized animals, and the solutions were then both inoculated with the typhoid bacillus and kept in an incubator at 37° C., that macroscopical differences could be distinguished in them after one hour in the incubator, and that the differences in the cultures continued for four hours and then gradually disappeared. In the mixture of typhoid bacilli and typhoid serum the bacilli became non-motile, agglutinated and settled to the bottom of the tube in small whitish flakes, leaving the fluid above them clear, or but slightly clouded. In the tube containing the non-immunized serum, the fluid became cloudy and remained so, because the active motility of the bacilli had not been inhibited. They further say, no such differences were shown when bacteria of the coli group were examined after mixture with typhoid serum, and conclude: "It would seem that this method, which is simple of execution in any laboratory, may be of great practical value as an aid to differential diagnosis."

Gruber and Herbert E. Durham of London in an article in the *Wiener Med. Wochenschrift*, March, 1896, describes a method of applying the test in regard to cholera and typhoid, which closely resembles Pfeiffer's. They criticise

Pfeiffer's conclusions, claiming that the test is *quantitative* and not *qualitative*. Durham in the *British Medical Journal*, in an article on " The special reaction of the serum of highly immunized animals and the use of the serum for diagnostic and other purposes," March 19th, 1896, draws a series of conclusions as to the value of the reaction.

In *La Semaine Medicale*, June, 1896, Widal reports with careful detail, the practical application of the test for the diagnosis of typhoid fever.

Achard found that various secretions and fluids of the body, such as urine, tears, the serum of blisters and pus, and the milk of a wet nurse sick with typhoid fever, possessed the agglutinating property in a greater or less degree.

Widal and Achard tried to ascertain what secretions in the blood possessed the agglutinating property. They found that when blood serum was deprived of its globulin it lost the agglutinating power, while the globulin retained it. They found that globulin and fibrin when separated from the blood and dissolved, each possessed the agglutinating power intensely, while the plasma deprived of these, lost its agglutinating power. Similar results were obtained with the albumen and globulin of milk. Caesin, also isolated and dissolved, possessed powerful agglutinating powers.

Widal in a later communication notes that dried serum and dried blood, to a lesser degree, retain the specific reaction and describes a rapid and safe method of making the test.

Wyatt Johnston, of Montreal, in a paper read before the American Public Health Association at Buffalo, N. Y., Sept. 17th, 1896, on the application of the "Serum diagnosis of Typhoid Fever to the requirements of Public Health Laboratories" and in a series of trial tests with dried serum, demonstrated the possibility of the practical application of the method for the rapid diagnosis of typhoid fever by municipal laboratories.

Upon my return to the city in September, we began a series of investigations with the Widal sero-diagnostic test for Typhoid Fever, with both dried blood and serum, for the purpose of ascertaining, if possible, the exact value and limitations of the test. We were handicapped throughout our work for the want of genuine cases of typhoid fever. There were very few at the City Hospital but none other to our knowledge in the city. This lack of typhoid cases has stimulated us in the study of the blood of healthy persons, and people sick of disease other than typhoid. With the blood of the few cases at our command, we were, however, enabled to arrive at a definite conclusion as to what constitutes a true typhoid reaction. When able to easily and quickly differentiate the true from the false (pseudo) reaction, we were convinced of the aid the test would be to physicians for the early diagnosis of typhoid fever and recommended that it be adopted by this laboratory.

Early in the present year, the following circular was sent to physicians, and the drug stores used as stations for diphtheria culture tubes were supplied with the typhoid outfit, which consists of a sterile slide in a wooden holder, inclosed in a neat box, with instruction blanks.

Circular.

BLOOD TEST FOR THE DIAGNOSIS OF TYPHOID FEVER.

The investigations of Pfeiffer, Gruber, Durham and Widal have shown that the blood of persons suffering from typhoid fever when mixed with recent cultures of the typhoid bacillus has the power of arresting the characteristic active movements of these organisms and of producing peculiar and characteristic agglutination of clumping of the bacilli. It has been shown that this reaction occurs frequently very early in the disease, that it is found throughout its course, during convalescence, and often for a considerable period after complete recovery. It does not occur when a culture of the typhoid bacillus is mixed with blood from diseases other than typhoid fever, nor does it occur when the blood of typhoid patients is mixed with cultures of micro-organisms other than the typhoid bacillus. Widal, and later Johnston, have shown that this reaction occurs as well with specimens of dried blood as with fresh blood, and to Wyatt Johnston belongs the honor of making it of practical use for the diagnosis of the disease by municipal laboratories.

The observations of the Bacteriological Laboratory of this department, so far as they have gone, confirm the conclusions of previous investigators, and it seems highly probable that we have in this method, not only a rapid, but also a reliable diagnostic test.

The observations thus far made are not sufficiently numerous and complete to permit a positive conclusion as to the exact value, or to define the limitation of the test. The Health Department desires to supply, as soon as possible, the data necessary to such a conclusion, and therefore requests physicians having cases which present symptoms suggestive of typhoid fever, to send specimens of the blood daily, or every other day, until the nature of the disease is clinically clearly defined.

A source of error that must be distinctly remembered arises from the fact that the reaction persists in some cases for a number of years after an attack of typhoid fever, so that a reaction may appear in health or in disease other than typhoid fever, if the individual have previously suffered from the latter disease. Physicians are particularly requested, when a negative result is reported in a suspicious case, to send further specimens, and in every case to notify the consulting Bacteriologist as to whether the laboratory diagnosis is fully in harmony with the clinical diagnosis or is at variance with it. In the cases in which the reaction is complete, the patient either has typhoid fever, or has had it within a few years. In those cases in which the reaction is incomplete only a probable diagnosis can be made. The absence of the reaction in blood, if examined several times, from a patient sick more than one week, will justify the exclusion of the diagnosis of typhoid fever.

DIRECTIONS FOR PREPARING THE SPECIMENS OF BLOOD.

Cleanse thoroughly the skin covering the top of the finger and then prick it with a clean needle deeply enough to cause several drops of blood to flow. Place two drops near each end of the accompanying glass slide. Dry carefully, place the slide in the holder, and either return to the station from which it was obtained, or mail to the Laboratory. Full data must be forwarded with each specimen.

A report of the result of the examination will be mailed to the physician on the following day. Signed, MAX C. STARKLOFF,
Health Commissioner.

The results of our investigations are as follows:—

THE TYPHOID CULTURES EMPLOYED.

We have used typhoid cultures from three different sources in our experiments: One, that has been in my possession for some time, received from the New York College of Physicians and Surgeons; one from a case of typhoid, dead of the disease and separated from the spleen by me; and the third from Dr. Wyatt Johnston. From the last we have had uniformly the best results. We have found it best to keep an agar-agar culture of it in the ice chest, from which reinoculations are made in agar-agar every two or three weeks. Every afternoon a fresh inoculation in broth is made from it and kept in an incubator at 37° C. The following day, when from 18 to 24 hours old it is used in making the tests and then destroyed. In our experience broth cultures over 36 hours old contain too many non-motile or not so actively motile bacilli as the younger cultures, and consequently tend to obscure the reaction. The blood is obtained by pricking the tip of the finger deeply enough to cause the blood to exude. Several drops are collected on a sterile glass slide and allowed to dry. Cardboard or paper is not a satisfactory medium upon which to receive the blood, for it soaks into the paper, more or less, and afterwards when the dried blood is scraped off, the paper fiber comes away with it.

The dried blood is prepared for examination by bringing it into solution with about five (5) times its quantity of sterile distilled water, a drop of the resulting reddish mixture is taken up with a sterile platinum loop placed in the center of a sterile covered glass, and then mixed with a drop of an 18 to 24 hours old broth culture of the typhoid bacillus. A hanging drop preparation is then made by inverting the cover glass and placing it drop down over a hollow ground slide, the edges of the hollow first having been smeared with vaseline. It is then ready for examination. We use a $\frac{1}{6}$ dry lense with artificial light for illumination, and in winter use a warming stage made of a long strip of copper heated with a small alcohol lamp. It is essential to be able to distinguish between the true and false (pseudo) reaction. The true reaction takes place more or less rapidly according to the amount of agglutinating substances in the blood. When the reaction is rapid, the bacilli clump together very characteristically and cease moving. The microscopic picture shows practically all the bacilli motionless and collected together in clumps, more or less large, with clear spaces between them. When the agglutinating substance is not abundant naturally, or made so by generous dilutions with sterile water, the reaction can be followed throughout its development.

A hanging drop preparation of the broth culture alone will show all the bacilli in a rapid to-and-fro progressive motion that resembles very much that of a swimming fish. In the field also will be seen short rods that turn rapidly end over end like a gymnast turning flipflaps, or in rapid whirling motion that reminds one of a pirouetting danseuse. The diluted typhoid blood preparation will show the bacilli swimming more slowly, the progressive motility gradually becomes less and less, when it will be seen that the bacilli are beginning to collect together in small bunches; these smaller bunches slowly approach one another, uniting finally to form the characteristic clumps. A few bacilli will continue moving aimlessly about in the fluid and there will be more or less "Brownian" motion among the bacilli in the clumps. An occasional bacillus will be seen struggling vigorously to free itself either from the clumps or from the surface of the cover glass where it seems to be fastened by one or more flagella.

PSEUDO-REACTION WITH DRIED BLOOD.

A concentrated blood mixture from a healthy person or a person sick of a disease other than typhoid fever, will sometimes retard or stop completely the motility of the bacilli, but there is no real clumping. This is a very deceptive reaction and unless carefully studied will lead the inexperienced into error in diagnosis. All preparations with dried blood contain small particles of fibrin and detritus from degenerated blood cells that resemble somewhat clumps of agglutinated typhoid bacilli. Careful focusing will, however, readily distinguish them by the leucocytes caught in their meshes. To get rid of the pseudo-reaction it is not necessary, as Wyatt Johnston has suggested, to use non-virulent cultures of typhoid bacillus, but to dilute the blood at least ten times.

In non-typhoid blood, in dilutions less than one to ten, a pseudo-reaction with partial agglutination has quite frequently taken place, but we have not had in our experience a typhoid reaction to occur in non-typhoid blood (under 15 minutes) in dilutions of 1 to 10, except in one case to be mentioned later.

The question naturally arises, are the materials that cause the agglutinating and immobilization of the typhoid bacilli in non-typhoid blood, the same as those in typhoid fever blood? There are no facts to warrant the conclusion that the substances are not identical; but, on the contrary, much evidence to show that they are the same, only present in typhoid cases in greater quantities than under normal conditions. If they be the same, the reaction is not a specific typhoid reaction, and the test is, as Gruber claims, *quantitative* and not *qualitative*.

The value of the test and its limitations can therefore be determined only when it is known to what extent the agglomerating and agglutinating substances exist in non-typhoid blood.

Some careful observers claim not to have obtained the reaction at any time during the course of the disease in indisputably genuine typhoid fever cases, proved so either by post-mortem evidence, or by finding the B. typhosis in tappings from the spleen during life.

In none of the fifteen cases of genuine typhoid examined by us was the reaction absent in one in ten dilutions, and in some of the cases, distinct in one in forty dilutions. In three cases, it was present on the fourth day of the disease, and in all throughout the convalescence, but the persistence of the re-action was not ascertained in any cases, as the patients invariably left the hospital before convalescence was thoroughly established.

In a case of malignant endocarditis at the City Hospital, with low fever and diarrhoea, a true typhoid reaction was obtained by Mr. Buckland. A post-mortem of the case showed a valvular heart affection, enteritis and an enlarged spleen. From the spleen we separated out in pure cultures the B. coli communis, which was present in large numbers, but persistent search failed to show the bacillus typhosus.

Pfeiffer inoculated three healthy adults with a small amount of dead typhoid bacilli for the purpose of ascertaining the length of time between the introduction of the infection into the system and the appearance of the agglutinating substances in the blood. In one case it appeared on the sixth day, in all by the eighth day and was present in distinct quantities at the end of four weeks.

CONCLUSIONS.

Our experience has thus far been too limited to permit us to make positive statements as to the exact value or limitations of the test, and we shall have to defer drawing conclusions until sufficient data has accumulated to justify it. However, this much may be said: The test will, undoubtedly, be of value as a means of making a differential diagnosis between typhoid fever and those diseases which are difficult to distinguish clinically from it; such as miliary tuberculosis, typhus fever, typho-malarial fever, the so-called continuous fever (Baumgerten), Septicaemia, malignant endocarditis, and also in those cases of doubtful typhoid fever in which the diagnosis is uncertain after the first week's illness.

Table No. XXVII. shows a total of 622 cases of typical or suspected typhoid fever reported by sixteen observers; 604 were diagnosticated to be typhoid fever or not, 415 positively, 189 negatively; or in about 97 per cent of the cases the diagnosis was confirmed by the serum test on the first examination. Six of the positive reactions were partial or feeble on the first examination, but re-examination was decisive. Thirteen of the negative reactions were doubtful or remained indecisive. In 64 convalescents, 40 gave the reaction, and 24 did not; 439 cases of disease other than typhoid fever gave no reaction with blood or serum in 1 to 10 dilutions, but with concentrated solutions, less than 1 to 10, a reaction frequently occurred. Of over 147 healthy subjects examined, five gave the reaction, or 3.5 per cent.

TABLE XXVII.

TABLE. SERUM TEST FOR THE DIAGNOSIS OF TYPHOID FEVER.

REPORTER.	NO. OF CASES OF TYPICAL OR SUSPECTED TYPHOID TESTED.	DAY OF DISEASE WHEN TESTED.	POSITIVE.		NEGATIVE.		NO. OF CONVALESCENTS TESTED.			NO. OF CASES OTHER THAN TYPHOID TESTED.		NO. OF HEALTHY SUBJECTS TESTED.		TEST USED.
							Reaction.			Reaction.		Reaction.		
			Decisive.	Partial or Feeble.	Decisive or Confirmed.	Typhoid Fever; no reaction.	Positive.	Negative.	Period when Tested after Convalescence.	Positive.	Negative.	Positive.	Negative.	
Widal	80	4th to 21st day	45		35		6	16	1½ to 9 years	0	200	0	39	Fluid Serum.
Achard	9	7th to 12th day	3		3	3								" "
Dieulafoy	2	7th to 12th day	2								No. not stated			" "
Chantmesse	11	9th day	11							0	10			" "
Rendu	1	11th day	1											" "
Haushalter	39	7th to 12th day	27		12									" "
Vedel	2		1		1									" "
Courmont	13		11		2									" "
Gatrin	57	4th to 41st day	36		21					0	20			" "
Theolin & Mills	12		12											" "
Grünbaum	8	10th to 33d day	8				6	0	4 to 37 years	*15	4	*4	3	" "
Durham	4	8th to 21st day	2			2	4	3	10 days to 2 weeks					" "
Delepine	30	8th to 23d day	24	1	4	1				0	10			" " & dried blood.
Green	11	16th to 38th day	11							0	14			" "
Johnston	143	48 hrs. to 3d week.	118	5	14	6	16	1		0	35			Dried Blood.
Biggs & Park	200	3 days to 2 months	103		97	1	8	4	3 months to 14 years	1	130	1	Over 100	Fluid Serum and Dried Blood.
Total	622	2 days to 2d month	415	6	189	13	40	24		16	423	5	142	

This table gives the results of the method of sero-diagnosis in cases of clinically typical or suspected typhoid fever in convalescents or those who have had typhoid, in diseases other than typhoid, and in healthy subjects, showing the number of cases treated, the period when the test was made and the reaction.

* The positive reaction obtained by Grünbaum in cases other than typhoid and in healthy subjects, occurred only when the serum was used in greater concentrations than 1 to 10. In mixtures of 1 to 10, the reaction occurred only in typhoid fever.

II.

OFFICE HEALTH COMMISSIONER AND BOARD OF HEALTH.

Personnel.

J. H. Bruere, M. D	Clerk Health Commissioner and Board of Health.
Max Kaufman	Assistant Clerk and Bookkeeper.
Conrad Karges	Mortuary Record Clerk.
Adolph Delarber	Messenger.

	Appropriations.	Balances.	Overdrawn.
For salaries	$23,000 00	$13 99	
“ office expenses, etc	3,000 00		$2 84
“ vaccine virus	1,000 00	430 80	
“ bacteriological examinations, etc	2,250 00	248 57	
“ collection of garbage, under contract	88,561 82		
“ collection of garbage, markets	980 00	12 00	
“ “ “ “ extra	9,280 00	60 00	
“ reduction of garbage	65,700 00	10 52	

Garbage Weighers.

Edward L. Briggs. John A. Meyer.

ANNUAL STATEMENT.

Sir — I have the honor to submit the following statement of the operations of this office for the year ending March 31st, 1897.

This is embraced under the following heads, viz.: —

(a) Abstract of proceedings of Board; comprising minutes of important acts, resolutions, communications and appointments.

(b) Financial statement.

(c) Statement relating to garbage.

(d) Library, number of volumes received, etc.

(e) List of Physicians and Midwives, whose certificates entitling to practice were recorded during the year.

(f) Statistical Summary relating to vital and mortality records of year.

Abstract of Proceedings of the Board.

Regular meeting April 2nd, 1896: Ordered after a hearing that Philip Gaffney be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Ten cases dismissed; one condemned.

Regular meeting April 6th, 1896: Action in complaints of nuisance. One case dismissed; nine condemned.

Regular meeting April 9th, 1896: Ordered after a hearing that Ellen L. Allen be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Four cases dismissed, four condemned.

Note. Dr. J. Bruere succeeded Mr. Tobias Mitchell as Clerk of Board of Health and Commissioner, October 12th, 1896.

Regular meeting April 13th, 1896: Action in complaints of nuisance. Two cases dismissed, four condemned.

Regular meeting April 16th, 1896: Action in complaints of nuisance. Eight cases dismissed, one condemned. The following resolutions were read and adopted:—

Resolved, That the Board of Health, for sanitary reasons, recommend, whenever practicable, the construction of impervious streets and the substitution thereof on all reconstructed streets in the central part of the city, that the same may, when desirable for sanitary purposes, be thoroughly washed of all impurities. Signed, C. H. Hughes.

Resolved, That the Health Commissioner confer with the Contractor for the Removal of Garbage and ask him to submit a proposition for an additional three removals in each week, commencing May 15th, 1896, and ending July 15th, 1896, in the following district of the city, bounded as follows: Cass avenue on the north, Chouteau avenue on the south, Vandeventer avenue on the west and the Mississippi river on the east. Signed, Albert Merrell.

The following from the Chief Sanitary Officer was read and approved: I recommend that the Board of Health notify the Contractor for the Removal of Garbage to submit for approval the circulars to be issued designating the days and districts, when and where, the garbage will be collected during the summer months.

Regular meeting April 20th, 1896: Ordered after a hearing that Missouri A. Force be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance. Four cases dismissed, thirty-one condemned. On motion of Dr. Merrell, duly seconded, the opinion of the City Counselor was requested as to the powers and duties of the Board of Health in relation to a pond of water situated in City Blocks, 4502, 4501 and 4499, which pond is on the property of several citizens, and also on the line of Terry avenue, as established by ordinance No. 16902, to open which avenue proceedings, it is understood, are being instituted by the City Counselor.

The following communications from the Garbage Contractor were read and accepted by the Board, subject to the approval of the Mayor and Comptroller, as provided by ordinance. The Mayor's and Comptroller's approval was received.

On motion the Board approved circular of Garbage Contractor regulating slop collections.

"Hereafter, until October 1st, 1896, the wagons of the Contractor for the Removal of Garbage will call regularly at all dwellings and other prescribed places to remove garbage three times per week within the following described limits, viz.:—

District No. 1. On Mondays, Wednesdays and Fridays in that part of the city south of a line drawn as follows, viz.: Beginning at the Mississippi river on a line with Clark avenue, thence west on Clark avenue to Grand avenue, thence north on Grand avenue to Easton avenue, thence west on Easton avenue to the city limits.

District No. 2. Comprises all the territory north of the line just described, and collections therein will be made on Tuesdays, Thursdays and Saturdays,

Householders are requested to have their garbage ready for the collectors on the above days within the prescribed limits. All garbage should be contained in air-tight receptacles of metal or wood and always with lids. These conditions are required and ordered by the Board of Health.

Regular meeting April 23rd, 1896: Ordered after a hearing that Mary Mulcahey and Julia Schall be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Two classes dismissed, eight continued.

On motion, duly seconded, the Board ordered that the competitive examination for internes to the Hospitals take place Saturday, May 9th, 1896, from 2 o'clock to 6 o'clock p. m.; that each applicant make his application in writing, accompanying the same with his Diploma, also with recommendations as to his moral character, and that the Deans of the several Medical Colleges be notified when the examination takes place, that they in turn may notify those of their colleges who desire to participate.

Regular meeting April 27th, 1896: Ordered after a hearing that Andrew C.

Peckham, Bridget Trainer and Caroline Vincenberg be admitted to the Insane Asylum.

Action in complaints of nuisance: Two cases dismissed; nine condemned.

Regular meeting April 30th, 1896: Action in complaints of nuisance; nineteen cases dismissed, twelve condemned.

The following communication from the Sewer Commissioner was read:—

"Your letter of this date inclosing copies of two resolutions adopted by your Honorable Body on the 27th inst. is received. In reference to the Resolutions requesting me to inform the Board of Health as to what steps in my opinion could and should be taken to give temporary relief from the nuisance created by the drainage referred to,—I have to say that several months ago I took such steps as I thought could and should be taken to provide for the drainage of the property in the locality mentioned. I addressed a letter to the Board of Public Improvements saying that before this portion of the city could be sewered it would be necessary to open certain alleys, and asked the Board to instruct the Street Commissioner to prepare ordinances for the opening of alleys in twenty-five blocks. The Board took such action, the necessary ordinances have been prepared and adopted by the Board. As soon as the legal opening of these alleys is made, I shall present to the Board of Public Improvements an ordinance for constructing district sewers which will remedy the nuisance complained of. Plans for these sewers have already been made by the Sewer Department. I have also asked the Municipal Assembly for money to construct DeBaliviere avenue sewer, into which some of these sewers will discharge when completed."

The following resolution was read and adopted:—

"*Resolved:* That the Board of Health is of the opinion that as long as these manure boxes and ash bins are allowed to be kept in the public alleys, it will be impossible to keep the alleys in a good sanitary condition, and the Board recommends the Street Commissioner take whatever means lays in his power to have the same abated.

"*Resolved:* That the Board of Health recommend to his Honor, the Mayor, that he call the attention of the Police Department to the nuisance caused by maintaining said manure boxes and ash bins on the public alleys of the city, with the request that the Police Department strictly enforce the ordinances of the city in relation thereto, and that the ordinance prohibiting the throwing of filth in the public alleys be also strictly enforced."

Regular meeting May 4th, 1896: Ordered after a hearing that Margaret Weber be admitted as a patient to the Insane Asylum.

Action in compliants of nuisance: Four cases dismissed; twenty-nine condemned.

Regular meeting May 7th, 1896: Action in complaints of nuisance; nine cases dismissed; thirty-three condemned.

Regular meeting May 11th, 1896: No quorum.

Regular meeting May 14th, 1896: Action in complaints of nuisance; twenty-three cases dismissed; twenty-three condemned.

Regular meeting May 18th, 1896: Action in complaints of nuisance; fourteen cases dismissed; nine condemned.

The following resolutions were adopted:—

"*Resolved:* That the opinion of the City Counselor be requested as to the right of persons living in districts not provided with sewers to discharge onto bublic and private property the sewage from said houses, and whether the absence of sewer facilities gave to such persons the right to discharge this sewage into natural water-ways, which water-ways only carry local storm water.

"*Resolved:* That the Board of Health consider the conditions for drainage as now existing in the territory between Ridge and Etzel avenues, Clara and Goodfellow avenues, as a menace to the public health, and as no means exist by which the residents can now dispose of their drainage, the Board of Health strongly recommends to the Board of Public Improvements the laying of a 24-inch pipe from the east end of the present private sewer on the south side of Etzel avenue, about 325 feet east of the intersection of Julian and Etzel avenues, east on Etzel to Julian avenue, and then west on Julian avenue to Blackstone avenue."

Regular meeting May 25th, 1896: No quorum.

Regular meeting May 28th, 1896: No members present owing to cyclone of day previous.

Regular meeting June 1st, 1896: Ordered after a hearing that Fredericka Wannschaff be admitted as a patient to the Insane Asylum.

The following opinion of the City Counselor was read:—

"I have the honor to acknowledge receipt of a copy of your resolution of the 18th inst. as follows: 'Resolved: That the opinion of the City Counselor be requested as to the right of persons living in the districts not provided with sewers to discharge on to public and private property the sewage from said houses, and whether the absence of sewer facilities gave to such persons the right to discharge this sewage into natural water-ways, which water-ways only carry local storm water.'

"I have the honor respectfully to advise that this question arose in the case of Kirkwood *v*. Cairnes, 44 Mo. App. 88, and that court at p. 95, dealt with it as follows: 'The objection, that the defendants could not only be guilty of maintaining a nuisance in allowing slops from their homes to escape into the public street until the town should establish a public sewer with which their house drain could be connected, is, in our judgment, untenable. The failure of the City is a mere non-exercise of a discretionary or legislative power. A person damaged by the failure of a municipal corporation to exercise such a power has no right of action against it. McCormack *v*. Patschen, 53 Mo. 33; Sexton *v*. St. Joseph, 60 Mo. 153; Carroll *v*. St. Louis, 4 Mo. App. ; Foster *v*. St. Louis, 4 Mo. App. ; Steinmeyer *v*. St. Louis, 3 Mo. App. 256. On analogous grounds it is clear that the non-exercise of such a power does not make the town a participant in the nuisance created by discharging a house drain into a public street.'

"Natural water-ways are only intended to carry off storm-water and were never intended as cesspools, or to afford drainage from houses, or from vaults, closets or sinks in houses.

"I, therefore, answer the question propounded by saying that such persons have no right to create a nuisance on public or private property by draining sewage thereon, and that the fact that there are no sewage facilities given by the City for such drainage is wholly immaterial in the case." Action in complaints of nuisance.

Regular meeting June 4th, 1896: Action in complaints of nuisance; twelve cases dismissed; twenty-nine condemned.

The followng resolution of Dr. Merrell was adopted:—

"*Resolved:* Whereas it is very evident from the reports of citizens and sanitary officers that the present condition of Turner av., between Farlin and Margaretta avs., is a serious menace to the health of the people of that locality, that the Board of Health strongly recommend to the Street Commissioner, to have some steps taken to abate the pond nuisance on Turner avenue, and the Board recommends to the consideration of the Street Commissioner the laying of a pipe from Farlin avenue to Margaretta, in order to carry the drainage into the sewer pipe on the south side of Margaretta. That the Board also respectfully call the attention of the Street Commissioner to the condition of the ditch on the north side of Margaretta between Sophie avenue and Fair, and would recommend that the ditch be cleared of obstructions so as to give the water free egress."

The following communication from the Health Commissioner was read and approved:—

"The exposure which the families living in the district covered by the tornado have been and are now being subjected to, will, in my mind, be productive of much sickness. A large number of these people are now unable to provide themselves with medical attention and medicine. The regular dispensaries are too far distant to be of much benefit.

"I therefore desire to establish in the district south of Chouteau avenue and east of 12th street, a temporary dispensary for the purpose of giving relief to the citizens of that locality; six physicians to be attached to it, four for duty at the dispensary and two to visit the sick at their homes. This dispensary to be opened from six a. m. until 10 p. m. The medicine will be furnished from drug stores in the district.

"The authority to establish this dispensary is given in Section 546, Article 19, Chapter 14 of Revised Ordinances. I herewith in accordance with the provisions of this section, request your approval for the establishment of this temporary dispensary."

Regular meeting June 8, 1896: Action in complaints of nuisance; twenty cases dismissed; twenty-four condemned.

Regular meeting June 11, 1896: Ordered after a hearing that Daniel Conley be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Four cases dismissed; ten condemned.

The following communication from the St. Louis Sanitary Co. was read, and on motion was ordered forwarded to his Honor the Mayor, with request that he ask the City Counselor for his opinion in the matter:—

"The St. Louis Sanitary Company has, to this time, received all vegetable and animal refuse that has been offered at its factories, with reference to its contract rights in the premises. It has done this not only to save the City embarrassment in disposing of certain kinds of refuse, but also to accommodate commission merchants and dealers in vegetable produce through whom such refuse has come.

"The point has been reached, however, where the reception of unlimited quantities of commercial refuse will seriously interfere with the proper handling, in the factories of this company, of the natural garbage of the city which the company has contracted to receive and destroy.

"By commercial refuse is meant stale or broken water-melons which come in car-loads, large lots of cabbage and kraut, banana refuse and the accumulations of butcher-shops, grocery stores, fish houses, hucksters' stalls and places of like character. To accommodate the great quantities of such stuff, which will be accumulated in the city during the summer and autumn months, and at the same time to properly care for the constant increase of natural garbage which the city collects, will necessitate a large expense on the part of the St. Louis Sanitary Company in increasing its capacity. The company feels that it should not be required to undergo this expense outside of its contract obligations; although, as long as possible, in fact ever since its origination, it has willingly and cheerfully received and disposed of this commercial refuse.

"The company would, therefore, ask your Honorable Body to consider this matter, so that proper provisions may be made, if the City choose, for the disposition of the stuff in a manner that would be just and convenient to all parties concerned.

"In the hope that this matter may receive attention and a decision be reached at an early date, the company will continue to receive this refuse until July 1st, without further question. It would respectfully ask, however, that a reply, if possible, be returned before that date."

Regular meeting June 22d, 1896: Ordered after a hearing that Charles Trinkans be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Seven cases condemned.

Regular meeting June 25th, 1896: Action in complaints of nuisance; six cases dismissed; eleven condemned.

The following opinion from the City Counselor was read:—

"I have the honor to acknowledge receipt of a communication from Hon. Max C. Starkloff, M. D., Health Commissioner (inclosing a letter to him from the St. Louis Sanitary Co.) in which my opinion is asked on the following propositions:

"1st. Whether the St. Louis Sanitary Company is obliged to receive and dispose of garbage from butcher shops, grocery stores, fish houses and hucksters; in other words, what is termed "commercial refuse" as distinguished from house refuse, under its contract of Nov. 14th, 1890, made pursuant to Ordinance 15,718.

"2d. Is the St. Louis Sanitary Company compelled to receive slops, offal, garbage and animal matter from any one except the City of St. Louis through the parties regularly under contract to deliver it.

"I have the honor respectfully to advise as follows:—

"Ordinance No. 15,718, approved Aug. 1st, 1890, authorizes the Mayor and

Health Commissioner to enter into a contract for the sanitary disposal of all slops, offal, garbage and animal matter of the City of St. Louis by the Merz Process for a term of ten years, and requires that the Contractors 'shall dispose of all the slops, offal, garbage and animal matter of the City of St. Louis, and the said City of St. Louis shall be obligated by said contract to collect and deliver, or cause to be collected and delivered at the works of the said Contractor, all the slops, offal, garbage and animal matter of the City of St. Louis.'

"A contract was duly entered into, pursuant to this ordinance, on the 14th of November, 1890, with the St. Louis Reduction Company, whereby the City employed said company 'to dispose of by the Merz Process, all the slops, offal, garbage and animal matter of the City of St. Louis for the term of ten years from the commencement of said work."

"The second clause of the contract is as follows: And the said party of the second part (meaning the St. Louis Reduction Company) 'agrees with the said party of the first part (meaning the City of St. Louis), to dispose of and treat by the Merz Process all slops, offal, garbage and animal matter of the City of St. Louis which may be delivered to it by the said party of the first part, for a period of ten years from the commencement of said work.'

"The third clause of the contract is as follows: 'The said party of the first part hereby agrees to collect and deliver, or cause to be collected and delivered daily at the works of the party of the second part in the City of St. Louis, all slops, offal, garbage and animal matter of every description within the limits of the City of St. Louis, and to rigorously enforce all the provisions of said ordinance No. 15718.'

"The fourth clause of the contract provides that the City shall pay the contractor the sum of nine cents for each 100 pounds of slops, offal, garbage and animal matter that may be delivered to said party of the second part during the said term of ten years under this contract for treatment by the Merz Process; and all in excess of 100 tons per day the contractor is to dispose of free of cost to the City, it being declared to be the intent and meaning of the contract that the City of St. Louis shall not be required to pay for more than 100 tons per day. It is further provided that the City shall pay the contractor on the first of each month, at the above rate, for the garbage, etc., delivered to the contractor by the City. Thus, the City has a contract with the St. Louis Sanitary Company, the assignee of the St. Louis Reduction Company, to dispose of all the slops, offal, garbage and animal matter which may be delivered to it by the City of St. Louis.

"In order to discharge the obligation imposed upon it to collect all the offal, garbage, animal matter, etc., and to deliver it to the contractor, Ordinance 17,216, approved July 29th, 1893, was adopted. By the second section thereof, it was provided that the Board of Health is hereby authorized and directed, by a vote of a majority of its members, to provide by contract for the removal of all garbage, dead dogs, cats, rats and fowls from the streets, alleys, roads, courts, private places, private streets, court yards, market houses, private dwelling houses and public institutions within the limits of the City of St. Louis.'

"Pursuant to this ordinance, a contract was entered into on the 19th day of July, 1893, by the City, with Edward Butler, for the removal of such garbage from such places for a period of five years from the 14th of July, 1893.

"The City also has a contract with Edward Butler, dated December 1st, 1893, to remove dead animals, and to deliver the same to the St. Louis Sanitary Company for a term ending on the 14th day of July, 1898, for the price of $1.00 per annum.

"The City therefore has now contracts for the removal of garbage, and for the removal of dead animals, and for the delivery of the same to the St. Louis Sanitary Company up to the 14th day of July, 1898; and, under the terms of its contract with the St. Louis Sanitary Company, that company is compelled to receive all the garbage and dead animals which the City may deliver to it until the expiration of its contract.

"These being the contractual relations between the City and the Sanitary Company, and the City and the garbage and dead animal contractor, the question is whether what is included in the inquiry as 'commercial refuse' is covered by the contract of the City with the garbage contractor to collect and deliver to the Sanitary Company. From what has already been stated, it is clear that the

Sanitary Company is under obligation to the City to receive and dispose of only such garbage and animal matter as may be delivered to it by the City or the City's contractor. The contractor for the removal of garbage and dead animals is under contract 'to remove all garbage, dead dogs, cats, rats and fowls from the streets, alleys, roads, courts, private places, private streets, court yards, market houses, hotels, restaurants, tenement houses, private dwelling houses and public institutions within the limits of the City of St. Louis.' The question propounded covers garbage and refuse matter 'from butcher shops, grocery stores, fish houses and hucksters.'

"It is too clear to admit of doubt that the obligation of the garbage contractor does not cover garbage or refuse from anything or any place except such as is specifically mentioned in his contract, and in ordinance 17,216. An examination of the language in his contract and in this ordinance discloses the fact that he is under no obligation to remove garbage or refuse 'from butcher shops, grocery stores, fish houses and hucksters.'

"In short, his contract and the ordinance under which it was made contemplates the removal of what is ordinarily termed house garbage, and does not include what is termed in the inquiry 'commercial refuse.' In other words, there is a clear distinction made between the ordinary refuse from residences, hotels, boarding houses, etc., and such refuse as accumulates in butcher shops, grocery stores, fish houses or produce dealers' establishments.

"Of course the obligation of the garbage contractor cannot be enlarged beyond his contract, nor could the contract have been drawn broader than the ordinance authorizing it. It must be understood that the City is under no legal obligation to provide at its own expense for the removal of garbage even from private houses. This is a part of its police power which it may exercise or not as it sees fit. Such power is exercised for the health and sanitary condition of the inhabitants of the city instead of leaving each householder to dispose of the garbage from his own house at his own expense. The City has seen fit, under this police power, to stand the expense of the removal and disposal of garbage arising from places mentioned in ordinance 17,216; that is, such as may be found on the streets of the city or in market houses, hotels, restaurants, tenement houses, private dwelling houses and public institutions, but it has not yet seen fit to remove, at the expense of the public, refuse matter arising from butcher shops, grocery stores, fish houses, hucksters' establishments and the like. So far it has left such persons or business houses to dispose of the refuse arising from their business in their own way and at their own expense. With the wisdom of the distinction thus made, it is not my province to deal. It is my duty only to advise as to the condition of the law as the law-makers have made it.

"I am compelled, therefore, to answer the first interrogatory by saying that the St. Louis Sanitary Company is compelled only to receive such garbage and animal matter as is delivered to it by the City, and that the garbage and animal contractor is obliged, under his contracts with the City, to collect and deliver to the Sanitary Company the garbage and animal matter only from the places mentioned in his contract and that his contract does not cover 'commercial refuse;' that is, refuse from butcher shops, grocery stores, fish houses and hucksters, or, in short, from any person or place not specified in his contract and in ordinance 17,216.

"As to the second question propounded, it follows from what has already been stated that the St. Louis Sanitary Company is not compelled to receive slop, offal, garbage and animal matter from any one except the City of St. Louis through the parties regularly employed by the City to collect and deliver it.

"Should the City of St. Louis, by ordinance, properly adopted, authorize a contract to be entered into for the collection of refuse matter from butcher shops, grocery stores, fish houses, huckster, and, in short, from any and every place, establishment and person in the City of St. Louis, not covered by Ordinance 17,216, and the contract of July 19th, 1893, then the St. Louis Sanitary Company would be under obligations to receive all such garbage, but until the City does, by Ordinance, so authorize such additional contract, the St. Louis Sanitary Company is under no obligation to receive it from any one else. Neither is any City officer authorized to enter into any contract for the collection and delivery of such refuse from such other establishments not covered by Ordinance 17,216.

"This leaves the case in this shape, that all persons whose garbage the City has not undertaken, by contract of July 19th, 1893, under Ordinance 17,216, to remove, must remove and dispose of the same at their own cost and expense. How they will accomplish this is for them to find out and act upon. If merchants and hucksters choose to bring into the city such articles as they deal in, and suffer or permit the same to become unsalable, and to be a nuisance within the city, then the City has the police power to compel them to abate the nuisance on their premises just as it has the right to compel any citizen to abate any nuisance of any other kind on his premises, and it is no answer for such citizen to say that he could not prevent such perishable articles from spoiling and becoming a nuisance, nor that he has no way of disposing of them. He must find a way, or else he must see to it that he does not so act as to create a nuisance; for, having been the cause of the nuisance in the first place, it devolves upon him to find a way to abate the nuisance, and he has no claim upon the public to have the nuisance abated at public expense. Should the Municipal Assembly, however, see fit to provide by contract for the removal of such "commercial refuse" then, under its contract with the St. Louis Sanitary Company, that company will be compelled to receive and dispose of it. It seems to me, however, that such persons as have 'commercial refuse' to be disposed of can easily accomplish this object by making private contracts with some person to collect and deliver the same, and a private contract with the St. Louis Sanitary Company to dispose of the same, without putting the public to any more expense than it is now under for the removal and disposal of garbage.

"I have the honor to be."

Regular meeting June 29th, 1896: Ordered after a hearing that Maggie J. O'Connor be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: One case dismissed; seven cases condemned.

The Board approved communication of the Health Commissioner addressed to the Honorable Municipal Assembly regarding removal of "commercial garbage" from commission houses, etc. (See meetings June 4th and 25th.)

Regular meeting July 6th, 1896: Action in complaints of nuisance; one case dismissed, thirty-eight condemned.

Regular meeting July 9th, 1896: Action in complaints of nuisance; twenty-three cases dismissed, twenty-three condemned.

Regular meeting July 13th, 1896: Ordered, after a hearing, that James W. Reynolds be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Eighteen cases condemned.

Regular meeting July 16th, 1896: Action in complaints of nuisance; twenty-two dismissed, eighteen condemned.

Regular meeting July 20th, 1896: Action in complaints of nuisance; five cases dismissed, three condemned.

The following communication from the Harbor and Wharf Commissioner was read: —

"As you are aware, to relieve an emergency case, in reference to the disposition of the City's garbage, I consented, temporarily, to the use of the Barton Str. Scavenger Dump Boat.

"Such action was permitted and can be, only for such reasonable time as will enable those who are sufferers by the failure of the contract of the Sanitary Company to secure complete collection of garbage, to make, either by private contract or through the City's agency, such arrangements as shall be satisfactory to all parties concerned.

"Considerable time has elapsed and much annoyance and damage has already been caused this Department. To make the matter pointed and settle the question as far as this Department is concerned, I hereby notify you that after the 15th day of August, no more garbage will be received at any of the Scavenger Dump Boats of this Department."

Regular meeting July 27th, 1896: Ordered, after a hearing, that Gertrude Clark be certified to the School for the Deaf and Dumb at Fulton, Mo., as an indigent pupil.

Action in complaints of nuisance: Two cases condemned.

Regular meeting July 30th, 1896: Action in complaints of nuisance; five cases dismissed, three condemned.

Regular meeting August 3d, 1896: Ordered. after a hearing, that John Joenen be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Four cases dismissed; five cases condemned.

The following communication from the contractor for the removal of garbage was read and approved, subject to the approval of the Mayor and Comptroller as provided by Ordinance: —

"In answer to your request to submit proposals for the removal of garbage four times each week in certain districts of the city, I hereby submit the following proposals: —

"*First.* I will remove the garbage four times each week, Sundays included, in tke district bounded by Chouteau avenue on the south side, Cass avenue on the north, Mississippi river on the east and Vandeventer on the west, for the sum of $5,533.70 per month, for a term commencing August 10th, aud ending October 15th.

"*Second.* I will remove the garbage four times each week, Sundays included, in the district bounded by Chouteau avenue, on the north, Lafayette avenue on the south, the Mississippi river on the east and Jefferson avenue on the west, for the sum of $1,440.00 per month, for a term commencing about August 10th, and ending October 15th.

"*Third.* I will remove the garbage four times each week, in the district first mentioned for one month for the sum of $6,917.12; the Board of Health to have the right to extend the time for two or three months as they may desire, at the same rate per month.

"*Fourth.* I will remove the garbage from the district described in the second proposal for one month for the sum of $1,800.00; the Board of Health to have the right to extend the time for two or three months as the Board may desire, at the same rate per month, or I will remove four times each week, Sundays included, in both the districts hereinbefore mentioned, for a term commencing about August 10th, and ending October 15th, for a lump sum of $15,110.00. payable in monthly installments."

Regular meeting August 10th, 1896: Ordered after a hearing, that Felix Wagenfueher and Mary Bresnahan, be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Two cases dismissed; three condemned.

The following communication from the Garbage Contractor was read: —

"I beg to report that since the 1st day of this month, I have been running two large wagons daily on the four extra days in the week, as required by you, at Union Market. You are already advised of one of these wagons being at work.

The following resolution by Dr. Hughes was read and adopted: —

"Scientific research and observations have established the contagiousness of Phthisis Pulmonalis localities in Minnesota and Colorado, North Carolina, California and elsewhere, where people once recovered of consumption have become niduses of infection. Even the far-famed Mentone, once a happy village in France where consumptives recovered of the scourge, has become a source of contagion. A late medical journal contains the following instructive history of this once famous health resort. At an early date, Mentone was a happy village in France, where lived peasantry happy on their farms and in their superb physical State, conditioned by the climate. It was discovered that the region was a most healing one for consumptives and it became the Mecca for the unfortunates of Europe so stricken. The inhabitants abandoned their farms to wait upon the strangers. The strong, healthy women forsook their dairies and became the washerwomen of the consumptives' clothes. No precautions were taken, the disease was not then understood as now, the theory of the tubercle bacillus not having been discovered. The place to-day is bacillus-ridden, a pest hole, death itself. The hitherto strong inhabitants are emaciated, a coughing, bleeding people, filled with the germs of consumption. The soil and air are both contaminated with tubercle-bacilli. It is no longer a health resort. The same fate, it is believed, awaits many other similar localities, unless active measures are taken to destroy all germs. This will be a most difficult task, because consumptives themselves, as a rule, are not thoughtful of the danger they spread, or of the rights of others. They should bear in mind that if all others had been careful, they too might have escaped.

"WHEREAS, we have reached a period in the progress of Medical and Sanitary science where it is incontestably demonstrable that consumption is a communicable disease through the contagion of tubercle-bacilli carried in the sputa, in handkerchiefs and clothing; therefore, be it resolved by this Board, that the public be duly notified through the Health Commissioner of the importance of proper precautions against the spread of this disease, that they may patronize only such laundries as properly disinfect their rinsing water; and that the Chief Sanitary Officer with his assistants, be instructed to advise all public laundries of the necessity of proper disinfection of soiled clothing, and of effective methods of accomplishing the same to the end that the spread of Phthisis Pulmonalis may thereby be restricted and the health of washerwomen and women and other laundry employees may be better protected from this insidious scourge.

"*Resolved*, Further, That the Health Commissioner, this Board concurring, be advised to take prompt steps by detailed service, ordinance or otherwise, to secure immunity to individuals and public institutions from the needless ravages of consumption through sanitary laundry precautions and health board regulations.

"*Resolved*, That the Legislative authorities be hereby informed that in view of the above facts some precautionary legislation is required in regard to the disposal of second-hand clothing and books, and that the Health Commissioner is hereby requested by this Board to take proper steps in the direction of proper sanitary precautions with the second-hand clothing and book men of the city by recommending suitable legislation on the subject.

"*Resolved*, That the Board recommends to physicians who attend tuberculous patients, that the places be disinfected."

The following communication was read, adopted, and the Contractor for the Removal of Garbage ordered to present to the Board a sworn statement of the number of men and teams employed by him in the removal of garbage covering periods from July 25th, to August 12 and June 25th to July 12th.

"I herewith forward reports of the special Garbage Inspector and also of Sanitary Officers in relation to the collection of garbage for the week ending August 8th.

There has been received at this office during the past week about one hundred and seventeen complaints in relation to the non-removal of garbage; ninety-three from citizens and twenty-four from sanitary officers.

An examination of the complaints has shown that some are owing to the neglect of the drivers.

I find that during the past two weeks many new men have been employed and these men not being familiar with the districts have overlooked places, but many of these complaints are not from any neglect of the Contractor but are due to the non-observance on the part of the citizens of the law in regard to garbage receptacles and to the placing of the garbage, and also to the fact that in many places garbage receptacles are not accessible to the collectors.

Under the ordinance and contract, the contractor is not obliged to remove garbage which is so placed that it has to be carried out from passage ways and small private alleys.

These cases are found at localities where the owners of property have built houses or flats on the corner lots.

A great many complaints come from citizens in the west end where the alleys are not passable for garbage wagons; the citizens place the garbage in what would be the alley, instead of placing it on the sidewalk as provided for in the ordinance.

I have had postal cards printed and have given instructions to the garbage inspector to notify all persons when the alleys are impassable that the garbage must be placed on the sidewalk.

To-day the whole sanitary force has been detailed to commence a block to block inspection for the purpose of finding out exactly where the garbage is, and how it is kept, and if it is removed properly.

The following are the instructions that have been given:—

GOVERNING GARBAGE INSPECTORS.

Report blocks where there are not any alleys and where garbage must be placed on sidewalk.

Go through the alleys. Note each place where garbage is set out and where there are not proper receptacles.

Note each place where there is not any receptacle.

Report small alleys or passage ways where garbage is set out, and which alleys cannot be entered by garbage wagons.

Report where the garbage has not been collected; in doing this, the locality and date must be observed.

Note where and when you meet garbage wagons.

Where there are not proper garbage receptacles,— if it is a house occupied by one or two families, obtain names of tenants; if a large tenement, obtain names of the owner or agent.

Report alleys which are not passable for wagons.

Let each daily report show where you have worked, giving streets.

Section 12 of ordinance 17216 provides that the Contractor shall, whenever it is demanded of him, furnish a sworn statement of the number of men and teams employed during any required period.

I recommand that the Board order the Contractor to furnish such a statement covering two periods; one from July 25th to August 12th, and the other for the period between June 25th and July 12th, and that said statements shall be presented to the Board at its meeting to be held August 13th.

During the past week, owing to the excessive heat, the Contractor has had to, in a great measure, abandon the daily collection, and remove the garbage at night; neither the men or animals could stand the work in the day time.

Since July 20th the Department has had the strongest evidence of the great necessity of a daily removal of garbage.

The extreme heat has made the garbage in the alleys a horrid nuisance; for instance, the garbage in the central part of the city is removed on Tuesdays, Thursdays and Saturdays; garbage may be taken up in part of the district early Saturday morning, and this district will not again be visited until probably Tuesday afternoon, so the garbage of Saturday, Sunday, Monday and part of Tuesday accumulates, the hot sun rots it, the garbage receptacles will not at this season of the year hold so many days' supply, and the overflow goes on to the streets and alleys and is not taken up.

It has been necessary to clean portions of the streets daily; it is one hundred times more necessary to remove the garbage daily and, until it is done, the citizens will suffer from the stench of decaying garbage.

By the provisions of Ordinance 17440, it is made my duty to inspect the city for the purpose of determining whether all slops, garbage, etc., is properly collected, and the same ordinance makes it my duty to report all matters connected with the removal of garbage to the Board of Health; and it is under the provisions of this ordinance that I make this report."

The Chief Sanitary Officer was ordered to furnish the Board a comparative statement of the difference in the amount of garbage collected from May 15th to July 15th, 1895, triweekly, and for the same period daily in 1896.

Regular Meeting August 13th, 1896: Action in complaints of nuisance; twenty cases dismissed; thirteen condemned.

The communication of the Garbage Contractor, August 10th, in reference to the removal of garbage from Union Market, was referred to the Chief Sanitary Officer for his investigation and report.

The following from the Garbage Contractor regarding number of teams and men in use were read and filed.

Statement setting forth the number of teams and men employed by the Contractor for the removal of garbage for eighteen days commencing June 25th, 1896.

	No.
2 Horse regular garbage wagons	96
2 " Butchers' offal	12
4 " " "	7
3 " Hotel garbage wagons	7
2 " " " "	6
2 " Emergency "	3
1 " Dog and cat "	2
Foremen's wagons	5
2 Horse dead animal wagons	2
4 " " " "	5

Men employed	145
Drivers of above wagons	192
Foremen	4
Stablemen	10
Watchmen	3
Wagonmakers and blacksmiths	4
Clerk in Contractor's office	1
Telephone boy	1
Total number of employees	215

The above statement is correct.

(Signed.) EDWARD BUTLER,
Contractor.

Subscribed and sworn to before me, a Notary Public in and for the City of St. Louis, this 13th day of August, 1896.

(Seal.)
LUELLA CUNNINGHAM,
Notary Public, City of St. Louis, Mo.

My term expires April 8th, 1898.

Statement setting forth the number of teams and men employed by the Contractor for Removal of Garbage for the eighteen days commencing July 25th, 1896:—

			No.
2 Horse	Regular Garbage Wagons		85
2 “	Butchers' Offal	“	10
4 “	“ “	“	5
3 “	Hotel Garbage	“	7
2 “	“ “	“	6
2 “	Emergency	“	2
1 “	Dog and Cat	“	2
Foremen's Wagons			5
2 Horse	Dead Animal Wagons		4
4 “	“ “	“	10
			136

Note.— The last two items, “ Dead Animal Wagons,” are only 2 and 5 respectively in number, but have worked 24 hours each day with two shifts of men; are, therefore, equivalent to double the actual number.

MEN EMPLOYED.

Drivers of above wagons	171
Foremen	4
Stablemen	9
Watchmen	3
Wagonmakers and blacksmiths	4
Clerk in Contractor's Office	1
Telephone boy	1
Total number of employees	193

The above statement is correct.

(Signed.) EDWARD BUTLER,
Contractor.

Subscribed and sworn to before me, a Notary Public in and for the City of St. Louis, this 13th day of August, 1896.

(Seal.)
LUELLA CUNNINGHAM,
Notary Public, City of St. Louis, Mo.

My term expires April 8th, 1898.

The following from the Chief Sanitary Officer was read:—

“In accordance with an order passed by your Honorable Body at a meeting held August 10th, I have the honor to herewith submit a comparative statement in reference to amount of garbage collected from May 15th to July 15th, 1895, when the garbage was collected three times a week all over the city, and the amount of garbage collected from May 15th to July 15th, 1896, when the garbage was collected daily in that part of the city included in the territory between Chouteau and Cass avenues, the Mississippi river and Vandeventer avenue, and three times a week for the balance of the city.

It is impossible to give the exact difference for the special territory in which a daily collection was made, but I herewith forward a report showing the collection of garbage for each day in the periods asked for; this does not include animals nor does it include slaughterhouse refuse.

The period in 1896 shows an increase of garbage collected for the same period of 1895 of 4,606,000 pounds, or, 2,303 tons, being a daily increase of 37 tons.

An examination of the reports will show that the heaviest collection of garbage is from July 15th to October 15th; and that in August the collections always exceed any other month.

Totals.	Tons. 1895.	Tons. 1896.
15 days in May	1757	2390
30 days in June	3349	4474
15 days in July	1872	2417
Total	6978	9281

Excess in pounds in three months	4,606.000
Excess in tons in three months	2,303

Regular meeting August 17th, 1896: Action in complaints of nuisance; four cases dismissed, three condemned.

The following communication from the Chief Sanitary Officer, regarding removal of garbage from Union Market, was read, and additional removal recommended ordered by the Board, subject to the approval of the Mayor and Comptroller:—

"In accordance with a resolution passed at the meeting of the Board of Health held August 13th, I have the honor to herewith submit the following in relation to the collection of garbage from the Union Market:—

In the annual appropriation bill, the amount of eight hundred and fifty dollars ($850.00) is given for the extra removal of garbage from the market.

Of this amount, one hundred and thirty-two dollars ($132.00) was expended up to August 1st, leaving a balance of seven hundred and eighteen dollars ($718.00) for the balance of the fiscal year.

I find that one wagon per day cannot remove all the garbage during this portion of the year, and that in order to keep the market in proper condition, there should be two removals daily.

By the terms of his contract, the Contractor for the removal of garbage must remove once a day on Tuesdays, Thursdays and Saturdays.

I have consulted with the Market Master and would recommend the following:—

That the Contractor be paid forty-eight dollars ($48.00) per week extra, during August and September and that in consideration of this sum that he be required to send to this market two wagons each day, one wagon between the hours of 9 and 10 a. m., and one wagon between the hours of 4 and 5 p. m.; that this amount is not only to cover the two removals on Sunday, Monday, Wednesday and Friday, but shall also include the second removal on Tuesday, Thursday and Saturday.

After the first of October another arrangement must be made, and this will be governed by the amount remaining in the appropriation.

It will probably be sufficient to have this extra daily removal three times each week."

Regular meeting August 20th, 1896: Ordered, after a hearing, that Frank Stetson be admitted as a patient to the Insane Asylum.

Actions in complaints of nuisance: Nine cases dismissed; nine cases condemned.

Regular meeting August 24th, 1896: Ordered, after a hearing, that Sallie Bruntz and Edna A. Stegmann be certified to the school for the deaf and dumb at Fulton, Mo., as indigent pupils, and Matilda D. Voigt and Augusta Stumpe as pay pupils.

Action in complaints of nuisance: Three cases dismissed; twenty-four condemned.

Regular meeting August 27th, 1896: Ordered, after a hearing, that Charles Hess be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Eight cases dismissed; six cases condemned.

Regular meeting August 31st, 1896: Ordered, after a hearing, that Cecile Kuhlman be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Two cases dismissed; five condemned.

Regular meeting September 3rd, 1896: Ordered, after a hearing, that Maximillian Wesch be admitted as a patient to the Insane Asylum.

Ordered, after a hearing, that Leonard Bumb be certified to the School for Deaf and Dumb at Fulton, Mo., as an indigent pupil.

Action in complaints of nuisance: Eleven cases dismissed; one case condemned.

Regular meeting September 10th, 1896: Ordered, after a hearing, that Annie R. Stocksick, Frederick W. Stocksick and Augusta Kribs be certified to the School for Deaf and Dumb at Fulton, Mo., as indigent patients.

Action in complaints of nuisance: Fourteen cases dismissed; thirty-four condemned.

The following communication of the Health Commissioner, addressed to the Chief Sanitary Officer, was approved:—

"The hygiene of the schools of the city is a matter of the highest importance and the Health Department should be fully posted as to all the conditions and surroundings of each school.

I direct that you at once cause a careful examination to be made of every public, private and parochial school, the form of the examination to cover ventilation, heating, drainage, water supply, closet facilities, number of cubic feet allowed to each child, general condition of premises and the surroundings, so that a complete report can be made to me; the details of the form of inspection to be prepared as you may deem best.

In order that the examination may be made thorough, I suggest that two officers be detailed to work together.

The schools have just opened and I believe this is the opportune time for the examination to be made.

Where unsanitary conditions are found, you will at once cause papers to be served on parties in charge of the school, to at once remedy the same."

Regular meeting September 24th, 1896: Ordered, after a hearing, that Adelia Marsch, Wm. M. Halpin and Adena Wohlfahrt be admitted as patients to the Insane Asylum.

Ordered, after a hearing, that Parley J. Matthews, Nettie Jackson, Gertrude Farrell and Berty M. Miller be certified to the School for Deaf and Dumb at Fulton, Mo., as indigent pupils.

Action in complaints of nuisance: Seventeen cases dismissed; seventeen condemned.

Regular meeting October 1st, 1896: Ordered, after a hearing, that Phillippine Stumpf be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Four cases dismissed; four condemned.

The following communication from the Health Commissioner was read and approved:—

"Some weeks ago I directed an examination to be made of the public, private and parochial schools of this city in order to inform myself as to their sanitary condition.

Ninety-seven public schools and eighty-eight private and parochial schools were examined.

The number of pupils reported in the publicschools is 61,465, and in the private and parochial schools 19,249.

PUBLIC SCHOOLS.

In considering the sanitary condition of schoolhouses, the first and most important feature is the ventilation of the schoolrooms, and in determining the proper amount of cubic feet of air space that should be allowed to each pupil, three conditions must be taken into consideration.

First: The method used in purifying the air of the rooms.

Second: The manner of heating the rooms.

Third: The floor space allowed each pupil.

If the schoolrooms are heated by dry air furnaces or stoves and have no mode of ventilating the rooms except what may be had through the openings of windows, the amount of cubic feet to each pupil should be not less than 300 feet. All school rooms have a characteristic odor and this is increased and diminished in proportion to the number of pupils, the amount of fresh air admitted and the mode of discharging foul air. All systems for heating rooms should include provisions for a liberal supply of fresh air. Where rooms are heated by furnaces, great care should be taken to prevent the cellar air from being drawn up into the schoolrooms. The most common source of impurity in house air is to be found in the cellar. Cellar air will rise to the rooms above, and its passage is often effected through openings in the hot air box of the furnace, and often the box that supplies the furnance is not tight. Ventilation by windows for schoolrooms is, to my mind, a very defective and unreliable method.

In the public schools examined the average cubic feet and floor space for each pupil is found to be as follows:—

No. Schools.	Cubic ft. air.	No. of Schools.	Square ft. (floor.)
1	Under 75	1	Under 5
1	75 to 100	4	5 to 10
6	125 " 150	46	10 " 15
12	150 " 175	36	15 " 20
17	175 " 200	7	20 " 25
22	200 " 225	3	Over 25
13	225 " 250		
7	250 " 275	97	
7	275 " 300		
10	300 " 400		
1	400 " 500		
Total........97			

From the above table I am of the opinion that in only about one-third of our public schools is there sufficient air space. The floor space in the majority of schools I do not consider to be sufficient.

I believe that 250 cubic feet of air space to each child should be the minimum and then only under the most favorable conditions of heating and ventilating.

The examination shows that only in about one-third of the schoolhouses are to be found good modern methods for ventilation. For instance: Twenty-three schoolhouses were examined where the only mode of ventilation was by windows. Seventeen where the ventilation is by windows, but in addition there are transoms over the doors. Twenty-four schools have ventilation of different kinds for different rooms, some of the rooms being ventilated by windows only; and some of these twenty-four schoolhouses have ventilating systems which do not appear to be efficient. Thirty-three schoolhouses were found with improved modern systems.

The arrangements for heating the schoolrooms are as follows:—

15 are heated with stoves.

51 are heated by steam heat, direct and indirect.

4 are heated by hot water, and

27 are heated by furnaces.

It would require too much time to enter into a detailed report of the ventilation of each single schoolhouse, but I will submit the following showing the condition of some of the twenty-three schoolhouses where the only mode of ventilation was by the windows. Twelve were found to be heated by stoves, and in these twelve schoolhouses the average amount of cubic feet of air space to each pupil was 184, with 15 square feet of floor space. The highest amount of cubic feet of air to each child in any one of these schools was 410, and the lowest 50. In the twenty-three schoolhouses ventilated by windows only, there were 7,918 pupils, and the average amount of cubic feet to each child was a fraction over 200. The above is not a favorable showing, and it is plain that the schoolrooms are overcrowded and there is great room for improvement in the methods in use in ventilating the schoolhouses. The School Authorities should cause a careful examination to be made of each schoolhouse and at once take steps to provide better ventilation and ample floor space.

Some of the buildings rented for branch schools are by no means fit for schoolrooms.

At the Branch Shepard School, No. 3641 S. Broadway, the ventilation and light are bad. In one of the rooms the kitchen sinks and traps were found leaking, the vault in the yard is used in common by several families and is not kept clean, and the cellar of the house is damp.

The Attucks School, northwest corner Seventh and Cerre streets, were stores that have been converted into schoolrooms. The ventilation is bad, and one compartment has no windows. There is no yard, no cellar under the house, and the atmosphere of the building is bad.

At the Cote Brilliante Kindergarten, Kennerly and Cora avenues, the halls were damp and there is water in the cellar.

At the Ashland School the manner of disposing of the drainage is defective.

At the Franklin School, Seventeenth and Lucas avenue, the ventilation is very poor on the first floor, and the system of ventilation for the second and third floors is defective. The furnace that heats the halls has no fresh air inlet.

At the Blow School, Loughborough and Virginia avenues, there are only thirty closet sittings provided for 1,150 pupils.

At the Delaney School, No. 6138 Virginia avenues, the vault is in bad condition and the cellar is very damp.

At the Froebel School the walls are very damp on the lower floor.

At the new Shepard School, room No. 3 has very imperfect ventilation and light. The urinal in the yard, made of boards, is kept in a very offensive condition and the odor can be discerned from the school.

At the Divoll School, Dayton street near Glasgow avenue, the ventilating apparatus is of an old type, defective and unserviceable.

At the Jackson School, Maiden Lane near Hogan, the ventilation of some of the class rooms is very defective. The building appears to have been put up at different periods. In the four rooms last built, the ventilation is good. In the other parts it is defective, and in the original part of the building the only method of ventilation is by windows.

At the Jefferson School, Ninth and Wash streets, in the Kindergarten Branch, the gutters are broken and the walls damp. In the main building the water closets are in the cellar and the ventilation is bad.

At the O'Fallon School, No. 1409 North Fifteenth street, the ceiling in room No. 1 is in very bad condition and the walls of the second story building do not appear to be safe.

At the Franklin School, No. 1633 Lucas avenue, the general conditions as to light and ventilation are bad.

At the Wayman Crow School, Bell and Channing avenues, the urinals are not kept in good order.

At the Charless School, No. 2226 Shenandoah street, the plumbing in the basement is out of order, the cellar in the west building is damp, and in the cellar under the center building the odor from the water closet is very offensive.

At the Arlington School, Burd and Cote Brilliante avenues, the vaults in the yard should be disinfected. There is also a large pond on public property within 100 feet of this school. This pond has been condemned by the Board of Health and it should be abated.

At the Elleardsville School the yard is in a bad condition. The Elleardsville addition on the west side of Bell Glade near North Market street is an old church building in bad condition. The walls are damp and the plumbing very defective.

At the Belt Avenue School, Belt and St. Louis avenues, there is water in the cellar, the walls are damp, and the vaults are unlawfully constructed and in bad order. The water in use at this school is cistern and it is reported as not being good.

At the Oak Hill School, Tholozan avenue near Morgan Ford Road, the vaults are full and caved in.

At the Baden School, Church road and Bittner avenue, there is only one vault used in common by boys and girls.

Lyon Branch, No. 3029 South Seventh street, is a store building rented for school purposes. The rear is below the level of the ground, the windows open on a court a few feet from a stable, the light and ventilation are not good, and it is not a proper place for a school. The smell from the cellar can be perceived in the schoolrooms.

In some of the schools there is in use what is known as the Latrine system of water closets, which consists of a plain iron trough (not enameled) about 15 inches deep. The trough holds water about nine inches in depth and they wash out automatically every twenty minutes. The one at the Clay School is flushed out by the Janitor once a day after school is over. This system in use at the Clay School cannot be too severely condemned.

These closets are all located in the basements of the schoolhouses in close proximity to the furnaces, and, in the winter time, are necessarily much affected by the heat. At certain hours of the day these closets are much in use and a large amount of impure gases must be generated; this, necessarily, produces an unhealthy and unsanitary condition.

The system of ventilating the basements is generally very poor. Therefore, I am of the opinion that these Latrine closets are by no means safe in a sanitary point of view, and where they are in use extra precautions should be taken to thoroughly ventilate the portions of the basement in which they are located.

Except in the matter of ventilation, I believe that the condition of our public schools is fairly good. They are kept clean, and, with a few exceptions, the outhouses are in good condition. Some of the defects that I have pointed out should be at once corrected. I judge that most of these minor defects exist owing to carelessness in not reporting these matters to the proper authorities.

I recommend that the school authorities should direct their architect to make a thorough and careful examination of each schoolhouse, and where it is possible all defects in the ventilation system of each schoolhouse should be at once corrected, and all unsanitary matters of every kind remedied without delay.

No public department, no public building or part of any public business has an equal interest to the citizens with the public schools. It stands first and closer to them than anything else, and when they place their children under the care and charge of the school authorities, they should be able to feel that everything connected with the welfare of their children is being carefully attended to. The health of the child being the paramount consideration, those in charge of schools should not leave anything undone that would tend to remove any danger from the children who have been intrusted to their care, and in all such matters school authorities must expect to be held to the strictest accountability.

PAROCHIAL AND PRIVATE SCHOOLS.

The examination of these schools shows that the cubic feet of air space to each pupil is far over the average of that in the public schools. For instance, in the public schools, there are only 48 schools out of the 97 that have an average of over 225 cubic feet of air space to each child,— while in the private schools there are 76 schools out of 88 where the air space is over 225 cubic feet; and the amount of square feet to each child is also largely above the same in the public school.

In the mode of ventilation, the parochial and private schools are much behind the times, more than one-half having windows only as a means of ventilation.

More than half are heated by stoves.

In minor sanitary matters, the private and parochial schools disclose many instances of carelessness.

At the German Evangelican school, northwest corner Koeln and Michigan avenues, the vault is in a filthy condition and the sewer obstructed.

At the Washingten University, Washington avenue and Seventeenth street, there are forty-one stationary washstands and sinks without traps, and they have only window ventilation.

The parochial school at No. 1521 North Market street,— the closets are not in good condition.

At the Ebenezer School, No. 8423 Church road, the vaults are not in a good sanitary condition.

At the Bethania School, 3720 Natural Bridge road, the vaults are in bad condition, not sewer connected, and the pupils have to go to other premises to obtain drinking water.

At the Jewish School, No. 1118 N. Eighth street, the cubic feet of air space for the pupils is only 54 to each one.

At the Jewish School, No. 1004 N. Seventh street (rear), the ventilation is very bad and the cubic feet of air space only 154 to each pupil. The same remarks apply to the Jewish School at 10th and Biddle.

At the Jewish School, No. 1123 N. Eighth street, the air space is insufficient, being only 79 cubic feet to each pupil.

The vaults at the St. Vincent de Paul's School, Ninth and Park avenue, are in a very bad condition.

At St. John's Nepomuk School, Eleventh and Soulard streets, the children use well water for drinking.

RECAPITULATION.

PAROCHIAL AND PRIVATE SCHOOLS.

Schools.	Pupils.	Cub. ft.	Sqr. ft.	Heating.	Ventilation.
37	6,409	233	17	Stoves.	Windows.
12	2,786	292	23	"	" and transoms.
9	2,550	228	17	"	Ventilators.
4	541	417	29	Furnace.	Windows.
1	350	243	17	"	" and transoms.
6	1,360	196	29	"	Ventilators.
6	1,692	396	30	Steam.	Windows.
6	1,768	212	17	"	" and transoms.
6	1,693	555	38	"	Ventilators.
1	300	155	13	"	Windows.
88	19,249	2927			

Total number of Schools examined	88
" " " Pupils	19,249
Mode of Heating: Steam, Hot Air Furnace, Stoves.	
" " Ventilation: Windows only	48
" " Windows and transoms	19
" " Ventilators in wall or ceiling	21

Notice will be sent to each of these Schools calling attention to the defects and request made that they be remedied.

The following communication from the St. Louis Sanitary Co. was read and ordered filed:—

"In the matter of your notice served August 31st, 1896, in which you require this company to adopt such measures as will prevent all foul and offensive vapors, gases and odors being discharged from its works in City Block 2610 within thirty days from service of this notice, and which notice you state 'is issued in lieu and to take the places of a notice heretofore issued on the 12th day of September, 1894, which was erroneously served,' we would state that your order is and has been complied with in every particular; and we respectfully invite you and the Honorable Board of Health to visit said Works at any time, now on in the future, by day or by night, without notice, that you may personally and officially have an opportunity to verify our statement."

Regular meeting October 5th, 1896: Ordered, after a hearing, that Augusta Drehr be admitted as a patient to the Insane Asylum.

The following resolution was adopted:—

Resolved; That in the opinion of the Board of Health a triweekly collection of garbage during the month of October will prove more beneficial and advantageous to the city, than if such triweekly collection were made in the month of April as now required by ordinance 17,216; and while the Board has not any authority to make this change, the Board does not see any objection to the work being done in this manner if the contractor is willing to do so without extra cost to the City.

Regular meeting October 12th, 1896: Ordered, after a hearing, that Emma Alboecht and Elijah D. Place be admitted as patients to the Insane Asylum.

Regular meeting October 19th, 1896: Action in complaints of nuisance. Seven cases dismissed, fifteen cases condemned.

Regular meeting October 22d, 1896: Action in complaints of nuisance. Seven cases dismissed, seven cases condemned.

Regular meeting October 26th, 1896: Action in complaints of nuisance. Two cases dismissed, four cases condemned.

Regular meeting October 29th, 1896: Ordered, after a hearing, that Elenore Bredemeyer be admitted as a patient to the Insane Asylum.

Regular meeting November 5th, 1896: Action in complaints of nuisance. Ten cases dismissed, twenty-four cases condemned.

The following resolution was adopted: —

"Before deciding on plans for the arrangement and building of the new hospital, the Hospital Commission desires some information that can only be obtained by an examination of other hospitals, and of their working arrangements. In order to obtain this information the Board of Health requests Dr. Albert Merrell to visit some of the hospitals of the East in order to investigate the character of their buildings and matters connected with the workings of the hospitals.

The traveling expenses of Dr. Merrell in visiting the hospitals, is to be paid out of the fund appropriated for the expenses of the Board of Health and Health Commissioners."

Regular meeting November 30th, 1896: Ordered, after a hearing, that Helen J. Powers, Eliza Lauman, Julie Stadlor, Mary Shaughnessy and Otto Zoeller be admitted as patients to the Insane Asylum.

The following resolution by Dr. Hughes was read and adopted: —

"WHEREAS, the police patrolmen of the city are required under existing regulations to walk their beats twelve hours without relief, therefore,

Resolved, That the City Legislative Department be requested by the Board to provide by suitable ordinance, for toilet stations conveniently located as is provided in other large cities. We recommend the London plan.

We recommend this as a sanitary measure not only for the police force, but for the city pedestrians and strangers visiting the city. It is not justice to the saloon interest of the city, for this metropolis to sponge upon that interest longer."

Regular meeting December 17th, 1896: Ordered, after a hearing, that Edwin J. Toomey and Johanna Hampe be admitted as patients to the Insane Asylum.

Ordered, after a hearing, that Mark R. Sherman be certified to the Board of Managers of the School for the Deaf and Dumb, at Fulton, Mo., as an indigent pupil.

Regular meeting December 21st, 1896: Ordered, after a hearing, that Minnie Eustace be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Ten cases dismissed, ten condemned.

Regular meeting December 28th, 1896: Action in complaints of nuisance; five cases dismissed.

Regular meeting January 4th, 1897: Action in complaints of nuisance; ten cases dismissed.

The following communication from the Garbage Contractor was read: —

"Under the existing ordinance and contract, I am required to remove garbage from streets and alleys that are passable. I find that in the district contained in the following territory the streets and alleys for a month past are impassable. This is owing to the construction of large sewers and the construction of some of the streets. The district to which I refer is the district between McPherson avenue on the south, Easton avenue on the north, Taylor avenue on the east and King's highway on the west. Delmar avenue from King's highway to Taylor avenue is impassible for teams. Washington avenue, Olive street, Westminster and McPherson for loaded wagons. Between Euclid and Taylor avenues, Walton avenue between Delmar and Page avenues, are also impassable, and Page and Marcus avenues for some distance are in bad condition.

I have directed my superintendent to make every effort to get the garbage out of this district, and I address this communication to your Honorable Board because I feel confident that owing to the conditions existing, some of the garbage cannot be reached and that complaints will be made."

Regular meeting January 14th, 1897: Ordered, after a hearing, that Rose

Carroll, Sarah Shapiro and Rachel Roensky be admitted as patients to the Insane Asylum.

Communication from Chief Sanitary Officer regarding removal of garbage:—

"I herewith return communication of Edward Butler, Contractor for the removal of garbage, which communication was referred to me to examine and report.

The facts as stated by Mr. Butler are correct; the streets and alleys in this district are nearly impassable; the Contractor will have much difficulty in removing the garbage from this district, and much of the garbage will have to be carried out. This the Contractor informs me he will do, as far as he can."

Regular meeting January 18th, 1897: Ordered, after a hearing, that J. D. Kipp be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Two cases condemned.

Regular meeting January 25th, 1897: Ordered, after a hearing, that Nancy J. Hawkins, Francis S. Garland and Katie Lewis be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Five cases dismissed; two condemned.

The following communication from the Health Commissioner was read:—

"Ordinance 17,186 in relation to the reporting of contagious, infectious and pestilential diseases, does not specify consumption or tuberculosis among diseases to be reported, nor does the ordinance contain any provisions requiring houses in which there have been cases of consumption or tuberculosis to be disinfected after the termination of the disease.

I have prepared an ordinance in which consumption or tuberculosis is classified as an infectious disease and requiring all premises where cases have existed to be disinfected.

I request that the Board by resolution recommend to the Municipal Assembly the passage of this ordinance."

The following resolution of Dr. Hughes was read and adopted:—

"That this Board approves of the communication of the Health Commissioner in regard to ordinance amending 17,186 in relation to the reporting of cases of consumption, but not the placarding of the same, Phthisis Pulmonalis being communicable only through the sputum of patients and not from body contact."

The following communication from the Health Commissioner was read and approved:—

"The telegraphic dispatches from Europe indicate there is considerable uneasiness that the plague now devastating India may be brought into Europe; and the European sea-ports are putting themselves in readiness to meet the emergency. The United States authorities are also taking precautionary steps to prevent its introduction into this country, but even with the most vigilant quarantine surveillance of our ports, if cases cross the Atlantic it may reach some of our inland cities, and this City should at once take steps to provide a hospital where these cases or suspected cases can be at once removed to and treated. Two wards with separate buildings for nurses and other necessary out-buildings will probably be sufficient for this purpose, but these wards should be entirely separate and apart from the wards that are used for small-pox cases.

I believe that these wards should be constructed plainly and cheaply, with a view that after danger is passed they can be destroyed by fire. I am also of the opinion that no time should be lost in having them built. It is impossible to foretell how soon this Department might be called on, to take measures against the spread of this disease. These wards can be erected on part of the quarantine grounds, entirely aloof from all other buildings.

I recommend that this Board by resolution strongly recommend to the Hospital as immediate consideration of this subject, and if it meets with the approval of the Hospital Commission, they can be requested to at once bring this matter to the notice of the Municipal Assembly.

I do not wish to be considered an alarmist, but I feel I would not be doing my duty if I delayed calling attention to the necessity of adopting precautionary measures."

Regular meeting February 1st, 1897: Action in complaints of nuisance; four cases dismissed.

The following communication from the Health Commissioner was read:—

"This Department has received knowledge that in this city horses are being slaughtered and the flesh sold for human food. There is no ordinance regulating this matter, and while the flesh of healthy horses is not injurious to persons eating the same, the flesh of old decrepit and diseased horses must certainly be.

I have prepared an ordinance to prohibit this slaughtering and request the Board of Health that it meets with their approval a resolution be adopted recommending it to the consideration of the Municipal Assembly."

The following resolution of Dr. Hughes was adopted and a copy ordered sent to the Municipal Assembly:—

Resolved, That the Board of Health of the City of St. Louis approves of systematic instructions as proposed by the State Board of Health on the communicability of contagious diseases, but think such teaching must be confined to teachers only, while sanitary rules would be better for children, being more comprehensible and unlikely to cause needless fear and nervous disturbance.

Resolved, That the Board does not approve of teaching physiology elaborately to primary pupils by lectures on books.

Resolved, That the Board does not approve of one long continuous session, but favors the old intermission plan and short continuous hours as the most salutary and sanitary.

Resolved, By the Board, that education under unsanitary conditions tends to retrogression and arrest of development and power for studying.

All needless cause of apprehension and fear, and all unduly prolonged fatigue or nervous and mental strain should be refrained from in the training of children, in order that health and the highest capacity for studying may be maintained, and the best development may not be retarded in the growing scholar."

Regular meeting February 4th, 1897: Action in complaints of nuisance; two cases dismissed, six cases condemned.

Regular meeting February 8th, 1897: Ordered, after a hearing, that John L. Ulrich be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Three cases dismissed.

The following resolution by Dr. Hughes was adopted:—

"*Resolved*, That the Board considers it to be its duty to call renewed attention to the filthy and unsanitary condition of prisoner Dreher and his cell as reported in the daily papers, and recommend that steps be taken to secure the sanitary cleanliness of his person and surroundings, even if Dreher has to be warm-bathed daily and dressed by force and compelled to wear camisoles like a maniac to prevent the destruction of his clothing.

Resolved, That this Board send a sanitary inspector to the Jail to inspect Dreher's cell and person, and promptly report to the Board for action."

Regular meeting February 15th, 1897: Ordered, after a hearing, that Josephine Brinke be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Two cases dismissed.

Regular meeting February 18th, 1897: Ordered, after a hearing, that Mina Schlueter be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Two cases dismissed.

Regular meeting February 25th, 1897: Ordered, after a hearing, that Lilly Bornmueller be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Seven cases condemned.

Regular meeting March 4th, 1897: Ordered, after a hearing, that Chas A. Durbney and Laura Wagner be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case dismissed, one condemned.

The following communication from the Health Commissioner was read, and action on the same was deferred in order that the members of the Board might have time to familiarize themselves with the Ordinance:—

"Early in January I directed that a thorough examination be made of the tenement houses of the city in which there are five families and over. After the examination had proceeded sufficiently to give me an idea of the condition of the tenements, I prepared an Ordinance regulating the management and prescribing the requirements necessary for their good sanitary condition, which I forwarded to the Municipal Assembly. I herewith forward you a copy of the

Ordinance for your consideration. If it meets with your approval, I would request that you adopt a resolution addressed to the Municipal Assembly recommending its passage.

The examinations of the tenement houses is now concluded and the report discloses the following: —

4,436 tenement buildings, containing 50,321 occupied rooms and 5,803 vacant rooms.

18,664 families were found occupying these tenements, the total population being 74,118.

81 tenements were found that had no city water supply.

On the tenement property were found 627 wells and 736 cisterns.

25 tenement houses were not connected with the sewer.

39 buildings were found where the cubic feet of air space was less than 600 feet to each person.

36 buildings were found with defective plumbing.

80 buildings were found where the ventilation was bad.

107 buildings where the light was insufficient.

204 buildings were found with filthy cellars, and 144 were found in a filthy condition.

The importance of good sanitary conditions in tenement houses where a large number of families make their homes together, is a question that cannot be disputed. Our present laws are very faulty and inadequate and I have recognized this ever since I came into the office of Health Commissioner.

The Ordinance I have prepared, I think carefully covers every provision.''

Regular meeting March 15th, 1897: Ordered, after a hearing, that Annie M. Gibson be admitted as a patient to the Insane Asylum.

The following opinion from the City Counselor was read:—

I have the honor to acknowledge the receipt of a request from the Hon. Max C. Starkloff, Health Commissioner, stating that Dr. C. M. Nicholson, Secretary of the Anatomical Board of the City of St. Louis, had requested him to furnish the St. Louis Local Board with a shipping permit in order that he (Dr. Nicholson) might ship the bodies of four persons who died in the institutions under the charge of the Health Commissioner, to some point in the State of Missouri, outside of the city of St. Louis, and that he (the Health Commissioner), had declined to grant such permits until advised as to the legality of the proceeding, and asking my opinion in the premises.

I have the honor respectfully to advise article 2 of chapter 110, section 6883 *et seq.* Rev. Statute of Missouri 1889, relating to 'disposition of human bodies,' makes the following provisions in reference to the disposal of human bodies for scientific purposes when not claimed by friends or relatives for interment, to wit:—

First. All the professors and demonstrators of anatomy of the medical colleges and schools of the State of Missouri which are, or may become incorporated, shall be and hereby are constituted a Board for the distribution and delivery of dead human bodies hereinafter described, to and among such persons as, under the provisions of this article, are entitled thereto. Such Board is given power to establish rules and regulations for its government, to appoint and remove proper officials, and is required to keep full and complete minutes of its transactions, and also records of all bodies received and distributed by the Board, and of the persons to whom the same are distributed, which minutes are required to be kept open at all times to the inspection of each member of the Board and of any Circuit Attorney of any county within the State of Missouri.

Second. The Board so constituted, or its duly authorized agent, is authorized to receive and take bodies of all persons required to be buried at public expense (and not claimed by any kindred or friend for interment as aforesaid), who may die in any of the penitentiaries, houses of correction and bridewells, hospitals, insane asylums and poor houses in the State, and also those coming into the hands of all coroners, sheriffs, jailers, city and county undertakers, and all other State, county, town or city officers, and said Board is required to distribute and deliver all such human bodies in the following manner:—

a. To incorporated medical colleges and schools in proportion to the number of students, which number shall be set forth in a sworn statement submitted to the Board, at such times as it may direct, by the dean, secretary or registrar of the college or school. b. To any physician or surgeon entitled under the laws of the State to practice.

It is further provided by the act that instead of delivering the bodies itself or through its agents, the Board of Distribution may, from time to time, either directly or by its authorized officers or agent, designate physicians and surgeons who shall receive them, and the number each shall receive, but that in the distribution, preference shall always be given to medical schools and colleges, and to the physicians and surgeons of the county where the death of the person described took place.

The first question therefore to be determined, is whether the professors and demonstrators of anatomy of the medical colleges and schools of the State of Missouri, that are incorporated, have ever properly organized as a Board for the distribution of dead human bodies, or if organized whether they have appointed any agents to receive such dead bodies, and order the distribution of such dead bodies in the proportion above enumerated, or whether, in this instance, such Board has by itself or through its agents, designated physicians and surgeons who shall receive such bodies and the number each shall receive.

Bearing upon this question, the Honorable Health Commissioner has submitted to me the correspondence from Dr. C. M. Nicholson, secretary of the St. Louis department of the Anatomical Distribution Board. I have also received communications on the same subject from Dr. Woodson Moss, professor of anatomy of the University of the State of Missouri, and also a letter from Prof. C. M. Woodward, president of the Board of Curators of the State University, directed to your Honor, by you referred to the Health Commissioner and by him transmitted to me.

From the foregoing correspondence, I glean the facts to be as follows:—

First. That in the fall of 1887, the State Anatomical Board organized under the law hereinbefore referred to (being the Act of March 31st, 1887), and elected Dr. Moss, president, and adopted by-laws.

Second. That pursuant to the by-laws a local Anatomical Board for St. Louis was organized, composed of the professors and demonstrators of anatomy in the city of St. Louis.

Third. That the first meeting of the State Anatomical Board was held in St. Louis, but that all of the qualified members could not be present and as it was difficult to secure attendance of all the members or a majority of the members, by common consent the St. Louis department came to be regarded as the State Board, that being the most convenient and satisfactory method of transacting the business.

It does not appear from anything submitted to me, that the State Board constituted the St. Louis Board, or in fact any other person or persons, its agent or agents to receive or distribute such bodies; nor does it appear that the State Board has at any time ordered the distribution of the bodies to the incorporated medical colleges in the proportion of the number of the students attending each college, or determined the number any physician or surgeon entitled under the laws of the State to practice should receive; nor that in this particular instance that the Board of Distribution designated any particular institution as the one entitled to receive the bodies in question, nor that the number to be distributed to the State University has at any time been designated by the State Board.

It is a misapprehension of the law to suppose that the State Board, by common consent, can regard the St. Louis department, as the State Board. Powers conferred by statute of this character cannot be delegated unless the Act authorizes it. The State Board could designate the St. Louis local board or any person to act as its agent for the receipt and distribution of human bodies, but the State Board under the Act of the Legislature is required to distribute them in the manner prescribed by the Act, that is either by a general rule established by the Board or by giving specific instructions or orders from time to time for the distribution of a specified number, preference always being given to the locality from which the body comes.

The whole organization and transaction of this business seems to me, from the evidence before me, to have been so loosely carried on that it is very difficult to find authority in the law for the act here asked. In fact the law itself requiring, as it does, that all the professors and demonstrators of anatomy of the medical colleges and schools of the State of Missouri that are incorporated, shall constitute a board for the distribution and delivery of human bodies, necessarily makes a most unwieldy organization. It needs no deep reflection to comprehend the almost utter impossibility of securing at any one time or at any one meeting all such professors and demonstrators, or, for that matter, even a majority of all such in the State. But any number less than a majority could not organize and therefore could not establish the regulations required by the Act and provide for the apportionment contemplated, nor appoint the agents necessary. As the matter now stands before me, it does not appear that the State Board constituted the St. Louis Board its agent in this matter, but that from the almost utter impossibility of securing the attendance of a majority of the members of the State Board, it came by common consent to be regarded that the St. Louis department was the State Board. Of course such a thing is unauthorized in law. Common consent could not constitute the St. Louis department the State Board so as to be authorized to act under the Act of 1887.

I conclude, therefore, from all the facts submitted to me, that the St. Louis Board has no power in the premises; that Dr. Nicholson, the secretary of the St. Louis Board, has no authority to receive or distribute any of such dead bodies; and that until the State Board or a majority of them meet and properly organize and properly designate an agent to act for it in receiving and distributing bodies and properly apportion those to be distributed among the several incorporated medical colleges and physicians and surgeons entitled under the laws of this State to practice, that the Health Commissioner is not in law obliged to recognize any request or direction from the St. Louis department or its secretary, nor would he, under the facts disclosed to me, be justified in so doing.

If further facts can be brought to my knowledge showing the organization of the State Board, the appointment of the St. Louis department as the agent of the State Board, the adoption of a rule apportioning the bodies as aforesaid, or an order from the State Board for these particular bodies to be delivered to a particular person, I would have no doubt of the power and authority of the Health Commissioner to recognize and honor the order in question.

I recognize and appreciate the importance of prompt action in this matter and the possible inconveniences that may result from the conclusion here reached, but I cannot see my way clear to decide otherwise on the facts as they now appear to me."

The following resolutions by Dr. Hughes were adopted:—

WHEREAS, Preventive medicine or hygiene becomes every day of greater importance to the welfare of dwellers in large cities by reason of continual advancing knowledge into the causes and precaution of disease, especially in the direction of bacteriological investigation, showing the death that lurks in crowded street cars, private dwellings, public theaters, hotels, public and private hospitals and dispensaries, and whereas the population of the City Hospital and other eleemosynary institutions under direction of this Board has greatly increased as well as the population and number of private dwellings over preceding year. Therefore, this Board feels itself compelled to express itself as greatly crippled by the present inadequate financial resources for sanitary purposes at its disposal and to ask of the City Legislative authority a far more liberal consideration of the present pressing needs of the Health Department and larger money appropriation. The Health Department of a great city being the most essential of all departments as shown in the present light of sanitary science to welfare of the people, rich and poor alike, St. Louis has fewer men than any other cities of its size employed in its Health Department, and is in pressing need of more. By laboratory experiments in New York, it has been shown that the dust of crowded street cars and tenement dwellings is a fruitful source of death by tuberculosis. We need in this city means to make such sanitary inspection on a far more extensive scale than we have been able heretofore to do, with limited funds at our disposal, and we should have more money in order to do justice to ourselves and the people as lawful guardians of the public health.

Resolved, That we recommend a law requiring street car companies to sanitarily inspect and better ventilate their cars, if we cannot be properly sustained in this duty to the people, and that a similar law apply to the theaters, the exposition, churches and other places of public assemblage; and that pending such action as is here recommended, Dr. Teichman, City Chemist, be asked to duplicate, so far as he can, the New York experiment.

The following by Dr. Merrell was added and adopted:—

"*Resolved*, That this Board of Health approves of the extra measure adopted by the Health Commissioner in January and February, to disinfect houses, that the conditions were such that the force so employed could not even properly perform the work.

Disinfection to be effective must be prompt, as delay is dangerous. The force employed was not even fully adequate, but the best that could be done was done under the circumstances.

This Board also approves of the action of the Health Commissioner in having a thorough investigation made of the tenement houses of the city, as an important and much-needed work, for the welfare and to the health of those who occupy them."

The following resolution by Dr. Hughes was adopted:—

"*Resolved*, That this Board disapproves of the public practice and teaching of hypnotism, except for strictly scientific purposes in chartered Medical Colleges, and recommend suitable State and city restrictive legislation on the subject."

The following resolution by Dr. Merrell was adopted:—

"*Resolved*, That this Board approves and recommends the passage of the Ordinance regulating tenement and lodging houses as prepared by the Health Commissioner, and now before the Council with the following amendments:—

"It shall hereafter be unlawful to begin the erection of a building for tenement or lodging house purposes, or to convert or alter any building now existing, for such uses until the plans for such construction or alterations shall have been approved as to their sanitary features, by the Health Commissioner, after having been examined and found to fulfill the requirements of the Ordinance and other minor amendments marked on the bill."

Financial Statement.

BOARD OF HEALTH AND COMMISSIONER.

	Expenditures.
Salaries — Commissioner, Members, Clerks, Chief Sanitary Officer, Messenger, Veterinary Surgeons and Meat Inspectors....	$22,986 01
Horses, stabling and shoeing......	500 50
Vehicles, repairs......	140 25
Harness repairs......	52 65
Hire of horses and vehicles......	189 00
Office expenses — furniture, etc......	377 70
Railroad and street car fare......	117 00
Printing, stationery and advertising......	1,508 74
Postage stamps and cards......	117 00
Vaccine virus......	569 20
Bacteriological examinations......	2,001 43

SANITARY DIVISION.

Salaries......	$38,584 91
Office expenses......	6,780 06
Disinfectants......	4,111 29
Rent of rooms......	1,080 00
Laborers, Ordinance 18,526......	1,880 00

CHEMIST DIVISION.

Chemicals......	$3,381 28

REDUCTION OF GARBAGE.

For material reduced......	$65,682 48

REMOVAL OF GARBAGE.

For removal of garbage under contract......	$88,561 82
From markets......	968 00
For extra removal......	9,220 00

Garbage Statement.

Tables Nos. 40–51 (see part second) show number of pounds and different kinds of garbage reduced during the period from April, 1896, to March, 1897, inclusive.

Table No. 52 shows the number of pounds of garbage reduced during the year, by months.

The following table shows comparison by months of garbage reduced for years 1895–96 and 1896–97.

COMPARISON BY MONTHS — TOTAL MATERIAL.

	1895–96.	1896–97.
April	8,077,164 lbs.	9,049,511 lbs.
May	8,556,327 "	10,631,816 "
June	8,511,911 "	11,515,526 "
July	10,034,928 "	12,587,333 "
August	15,511,811 "	16,052,496 "
September	14,155,880 "	14,969,327 "
October	10,886,862 "	11,272,986 "
November	10,183,900 "	9,646,205 "
December	9,279,554 "	9,967,111 "
January	8,823,853 "	9,506,961 "
February	7,951,830 "	8,378,763 "
March	8,566,283 "	9,103,996 "
Total	120,540,303 lbs.	132,683,031 lbs.

The total amount of garbage reduced as shown by the above table, was 132,683,031 pounds, an increase over the previous year of 12,142,728 pounds or about nine per cent.

The following table shows comparison by months of the cost to the City of reducing all the garbage delivered to the works of the St. Louis Sanitary Company, for the years 1895–96 and 1896–97:—

COMPARISON BY MONTHS OF THE COST.

	1895–96.	1896–97.
April	$5,400 00	$5,400 00
May	5,578 12	5,580 00
June	5,400 00	5,400 00
July	5,580 00	5,580 00
August	5,580 00	5,569 48
September	5,400 00	5,400 00
October	5,580 00	5,580 00
November	5,400 00	5,400 00
December	5,580 00	5,580 00
January	5,580 00	5,580 00
February	5,220 00	5,040 00
March	5,579 89	5,580 00
	$65,878 01	$65,689 48

Under the contract with the St. Louis Sanitary Company, the City pays $1.80 per ton for material reduced up to and not exceeding 100 tons per day; therefore, the City paid $65,689.48 for reducing 132,683,031 pounds or 66,341 tons, the excess weight amounting to 59,694,735 pounds or 29,847 tons.

The following table shows the number of loads of garbage, dead animals and slaughter-house refuse delivered to the works of the St. Louis Sanitary Company for the municipal year 1896–97:—

1896.	Garbage.	Animals.	Slaughter-House Refuse.
April	2,389	131	291
May	3,066	159	326
June	3,372	125	334
July	4,130	144	328
August	5,464	161	275
September	4,983	125	286
October	3,390	122	296
November	2,832	112	283
December	3,023	111	302
1897.			
January	2,834	98	337
February	2,532	96	263
March	2,663	99	314
	40,678	1,483	3,634

Accessions to Library.

REPORTS FROM STATE BOARDS OF HEALTH.

State Board of Health of Ohio.

Reports from Municipal Boards of Health or Health Departments: Nashville, Tenn.; Lynn, Mass.; Patterson, N. J.; Keokuk, Iowa; Spokane, Wash.; Atlanta, Ga.; Health Department of the District of Columbia; Salt Lake City, Utah; Richmond, Va.; Omaha, Neb.; Madison, Wis.; Wilmington, Del.; Newport, R. I.; Duluth, Minn.; Denver, Colo.; Boston, Mass.; Charleston, S. C.; New Haven, Conn.; Philadelphia, Pa.; Cincinnati, Ohio; Grand Rapids, Mich.; Pittsburg, Pa.; San Francisco, Cal; Prag, Bohemia; Baltimore, M. D.; Reading, Pa.; Terre Haute, Ind.; Cambridge, Mass.; Lowell, Mass.; Memphis, Tenn.

MISCELLANEOUS CONTRIBUTIONS.

Report of the results obtained with experimental filters at the Pettaconset pumping station, at Providence, R. I.

National Bureau of Medicine; the opium habit and the Indian and Chinese opium traffic.

Twenty-fourth annual report of the Rosefelt hospital.

Report of the Health and Street Cleaning Departments in the City of Raleigh, N. C.

Annual report of the Sanitary Department of Concord, N. H.

Prevention of Tuberculosis.

Twenty-third annual report of the Health Division of the Department of Police, Cleveland, Ohio.

Forty-first annual report of births, marriages and deaths in the City of Providence, R. I., for the year 1895.

Reply of the Board of Health of the City and County of San Francisco, in the matter of the final report of the Grand Jury impaneled in San Francisco December 30th, 1895.

Annual Report of the Board of Control, City and County Hospital, Alms House and Poor Farm of St. Paul, Minn.

Annual Report of the Supervising Surgeon-General U. S. Marine Hospital service for the year 1895.

Public Health Service in the United States.

Statistisches Jahrbuch der Stadt Berlin for 1894.

Der Bevoelkerungs und Wohnungs Aufuahme In der Stadt Berlin, Germany, 1890.

LIST OF PHYSICIANS AND MIDWIVES WHOSE LICENSES WERE RECORDED DURING THE YEAR 1896-97.

NAME.	DATE OF RECORD	MEDICAL SCHOOL.
Allen, Carlos Archie	May 7, '96	Barnes Medical College.
Allen, Joseph William	May 8, '96	Marion-Sims College of Medicine.
Barnard, Albert L	July 27, '96	Homœopathic Medical College of Missouri.
Barnett, James S	Dec. 26, '96	State University, Columbia.
Beall, Mary Elliot	Feb. 9, '97	Homœopathic Medical College of Missouri.
Beck, Edward Chas	May 9, '96	College of Physicians and Surgeons, St. Louis.
Benson, Sam'l Albert	June 19, '96	Homœopathic Medical College of Missouri.
Berry, Andrew J	Sept. 1, '96	University of Louisville, Ky., Medical Dept.
Berrey, R. W	Oct. 6, '96	Missouri Medical College of St. Louis.
Bissett, Jno. Allen	Dec. 10, '96	University of Wooster, Cleveland, O.
Black, Wm. Davis	May 11, '96	Marion-Sims College of Medicine.
Bowers, Chas. Edwin	Dec. 12, '96	Rush Medical College, Chicago, Ill.
Boyd, Jay	Mar. 24, '97	University of McGill, Montreal, Canada.
Bradbury, Cotton Chase	May 7, '96	Eclectic Medical Institute, Philadelphia.
Brady, E. F	Oct. 7, '96	Hahneman Medical College, Chicago.
Brauer, Fred. Wm	Mar. 18, '97	American Medical College, St. Louis.
Brokaw, Wm. A	Feb. 25, '97	Missouri Medical College, St. Louis.
Bruehmann, Chas. C. L. F	June 4, '96	St. Louis College of Medicine, St. Louis.
Buford, Jas. Bacon	Dec 17 '96	Beaumont Hospital Medical College.
Carriere, Victor A	June 2, '96	Homœopathic Medical College of Missouri.
Coffman, Gilbert Lee	Sept. 24, '96	Marion-Sims College of Medicine.
Coleman, J. Edward	June 3, '96	St. Louis Medical College, St. Louis.
Cosby, Oswald W	Mar. 22, '97	Marion-Sims Medical College.
Crews, Chas. Frederick	Mar. 3, '97	Central College, Nashville, Tenn.
Culp, Earl Edwin	June 29 '96	Missouri Medical College, St. Louis, Mo.
Curtis, Elbert Austin	May 11, '96	Marion-Sims College of Medicine.
Davidson, Geo. Walker	June 18, '96	Trinity Medical College, Toronto, Canada.
Dean, Jno. McHale	July 26, '96	St. Louis Medical College, St. Louis.

LIST OF PHYSICIANS AND MIDWIVES WHOSE LICENSES WERE RECORDED DURING THE YEAR 1896–97. — *Continued.*

NAME.	Date of Record.	MEDICAL SCHOOL.
Dickerson, Walter M	Mar. 19. '97	College of Physicians and Surgeons, St. Louis.
Dorsey, Benj. Lawrence	May 20, '96	Marion-Sims College of Medicine.
Doyle, Martin R	June 5, '96	Kentucky School of Medicine, Louisville.
Dreehsler, Louis	June 11, '96	St. Louis Medical College, St. Louis.
Ellerbrock, Edw. Chas	May 12, '96	Homœopathic Medical College of Missouri.
Fahnestock, Chas. L	Aug. 7, '96	St. Louis Medical College, St. Louis.
Filley, Victor Grant	May 9, '96	St. Louis Medical College, St. Louis.
Fisch, Carl	Aug. 6, '96	Missouri Medical College, St. Louis.
Folsom, Ephraim M	May 8, '96	Barnes Medical College, St. Louis.
Forster, Jefferson Davis	May 6, '96	Barnes Medical College, St. Louis.
Frame, Clarence N	Jan. 1, '97	Missouri Medical College, St. Louis.
Francis, Elizabeth	Jul. 3, '96	Woman's Medical College, St. Louis.
Gessner, Fred	May 15, '96	Homœopathic Medical College of Missouri.
Ghiselin, Alex. D	June 17, '96	Marion-Sims College of Medicine.
Gilliam, John	Oct. 14, '96	Examination by State Board of Health.
Goerss, Franz Carl A	Dec. 30, '96	Alexander University, Erlangen, Germany.
Graul, John D	June 29, '96	College of Physicians and Surgeons, St. Louis.
Guhman, Else	June 2, '96	American Medical College, St. Louis, Mo.
Guthrie, John Blair	Sept. 9, '96	Trinity University, Toronto, Canada.
Habermaas, Albert	May 12, '96	Marion-Sims College of Medicine.
Hall, Harry Robson	June 1, '96	Missouri Medical College, St. Louis.
Hamlin, M. M	Feb. 4, '97	American Medical College, St. Louis.
Hanson, Henry	Aug. 4, '96	Missouri Medical College, St. Louis.
Harscher, Andrew	Oct. 23, '96	Marion-Sims College of Medicine.
Hartman, Jacob A	May 29, '96	St. Louis Medical College, St. Louis.
Hatten, Jas. Oliver	Feb. 3, '97	Hospital Medical College, Memphis, Tenn.
Hayes, John W	May 9, '96	Washington University, Baltimore, Md.
Hays, Geo. R	May 16, '96	Beaumont Hospital Medical College, St. Louis.
Helbing, Harry H	May 14, '96	American Medical College, St. Louis.
Hempelmann, Louis Hy	June 2, '96	St. Louis Medical College, St. Louis.
Henke, August Fred	May 6, '96	Missouri Medical College, St. Louis.
Henning, Adolph	April 30, '96	University, Heidelberg, Germany.
Henry, Rob't Young	Dec. 12, '96	Homœopathic Medical College of Missouri.
Herschenroeder, Louis C.	May 11, '96	Homœopathic Medical College of Missouri.
Herwig, Emil Moser	May 1, '96	Medico-Chirurg College, Philadelphia, Pa.
Higby, Edward H., Jr	Mar. 31, '97	Missouri Medical College, St. Louis.
Hitch, Walter Nelson	Jan. 22. '97	Rush Medical College, Chicago.
Hogan, Timothy DeNein	May 8, '96	Barnes Medical College, St. Louis.
Holland, Thos. Bond	Aug. 12, '96	Missouri Medical College, St. Louis.
Hopkins, Milton J	May 5, '96	Missouri Medical College, St. Louis.
Huber, Julius B	May 13. '96	Beaumont Hospital Medical College.
Huggins, Truman E	Jul. 29, '96	Barnes Medical College, St. Louis.
Jessup, Chas. A	Feb. 16, '97	Missouri Medical College, St. Louis.
Johnson, Walter Lee	Mar. 25, '97	Missouri Medical College, St. Louis.
Keeler, Maud Gray	June 3, '96	Homœopathic Medical College of Missouri.
Keith, Barnard Clayton	Mar. 26, '97	Missouri Medical College, St. Louis.
Keith, William	Mar. 26, '97	Missouri Medical College, St. Louis.
Kiser, Chas. Rohrer	June 29, '96	Medical College of Ohio, Cincinnati.
Koelle, John Wesley	May 8, '96	Homœopathic Medical College of Missouri.
Koetter, Albert Fred	Feb. 2, '97	Missouri Medical College, St. Louis.
Kollock, Matthew Hy	Mar. 1, '97	Philadelphia College of Medicine and Surgery.
Kuhlmann, Fred. Chas	June 3, '96	St. Louis Medical College, St. Louis.
Kuper, Geo. Henry	May 9, '96	College of Physicians and Surgeons, St. Louis.
Let Wong (Chinese)	May 14, '96	Oy-Yuk Medical College, Canton, China.
Linder, Adolph Ed	Mar. 17, '97	American Medical College, St. Louis.
Lipscomb, Holland A.	Jan. 18, '97	State University, Columbia, Mo.
Lodge, Frank B	Mar. 17, '97	American Medical College, St. Louis.
Ludwig, Benedict Jos.	May 12, '96	Marion-Sims College of Medicine.
Luebbers, Alfred	Jan. 6, '97	Marion-Sims College of Medicine.
Luton, Lionel S.	Feb. 20, '97	Homœopathic Medical College, Chicago, Ill.
Maisch, Arthur Fred	May 15, '96	Missouri Medical College, St. Louis.
Marks, Adolph L	Mar. 22, '97	College of Physicians and Surgeons, St. Louis.
Martin, Jos. Emile	Oct. 27, '96	University of Louisville, Ky.
May, Jesse Whitlock	Feb. 3, '97	Hospital College of Medicine, Louisville.
Meade, Reginald H.	July 20, '96	Beaumont Hospital Medical College, St. Louis.
Meany, William B	Apr. 9, '96	University of Louisville, Ky.
Meyer, Harry H	Mar. 27, '97	Missouri Medical College, St. Louis.
Meyer, Justinian E	Oct. 12. '96	Ludwig Maximilian University, Munich, Ger.
Mingos, Geo. Wesley	Feb. 23, '97	Hahneman Medical College, Chicago.
Montague, Herbert Lee	July 29, '96	St. Louis Medical College, St. Louis.
Morrison, Alma E	Dec. 15, '96	State University of Minnesota.
Mueller, Vincent Jos	May 8, '96	Marion-Sims College of Medicine.
Munson, Dunham O	Mar. 2, '97	Marion-Sims College of Medicine.
Murphy, John C. M	May 15, '96	Jno. A. Creighton Medical College.
McGinness, Erasmus	Mar. 24, '97	Marion-Sims College of Medicine.
Newell, Jas. Lovell.	June 15, '96	Marion-Sims College of Medicine.
Odell, Timothy Timon	May 12, '96	Beaumont Hospital Medical College, St. Louis.
Oelfcken, Ernst Wm	May 11, '96	Missouri Medical College, St. Louis.
Oliver, John H	Dec. 3, '96	Beaumont Hospital Medical College, St. Louis.

LIST OF PHYSICIANS AND MIDWIVES WHOSE LICENSES WERE RECORDED DURING THE YEAR 1896-97. — *Continued.*

NAME.	Date of Record.	MEDICAL SCHOOL.
Paquin, Ozias	Oct. 3, '96	St. Louis College Physicians and Surgeons.
Parker, Chas. Weakley	Jan. 13, '97	University Medical College, Kansas City.
Perry, William Lucas	Mar. 4, '97	Eclect. Med. Coll. of Physicians and Surgeons.
Phillips, Fleming L.	Dec. 10, '97	Medical Dept. University, Louisville, Ky.
Rehfeldt, Chas. S.	May 13, '96	Missouri Medical College, St. Louis.
Rininger, E. M.	May 5, '96	Marion-Sims College of Medicine.
Roach, Jas. Fred	May 6, '96	Missouri Medical College of St. Louis.
Rohlfing, Otto L.	May 8, '96	Missouri Medical College, St. Louis.
Rotter, Chas. Frank	June 2, '96	Marion-Sims College of Medicine.
Rushby, Geo. A	July 30, '96	Kentucky School of Medicine, Louisville.
Rutherford, Walter Scott	Aug. 4, '96	Beaumont Hospital College of Medicine.
Sahlender, Otto L	June 9, '96	St. Louis Medical College, St. Louis.
Scherck, Henry Jos.	Dec. 10, 96	Tulane Medical College, New Orleans.
Schick, Gottlieb	Dec. 29, '96	College of Physicians and Surgeons, Chicago.
Schisler, Edwin J.	May 7, '96	Beaumont Hospital Medical College.
Schuchat, Wm. Louis	May 6 '97	Missouri Medical College, St. Louis.
Schuck, Albert	Mar. 8, '97	Marion-Sims College of Medicine.
Schultz, Wm. Fred. A	Dec. 28, '96	Missouri Medical College, St. Louis.
Schuricht, Gust. Martin	Aug. 31, '96	St. Louis Medical College, St. Louis.
Seidel, Louisa Hartman	Nov. 4, '96	National University of Washington, D. C.
Seidlitz, Geo. N	June 19, '96	Hahneman Medical College, Chicago, Ill.
Schank, Wm. Lorenzo	Dec 23, '96	Central Coll. of Phys and Surg., Indianapolis.
Schouldice, Jas. Henry	July 20, '96	Toronto University Medical College, Canada.
Schumate, Walker Adam	May 11, '96	Missouri Medical College, St. Louis.
Spohn, Jacob C	Nov. 10, '96	Dept. of Med. and Surg. Coll. of Michigan Univ.
Squire, Marguerite G	Mar. 29, '97	Homœopathic Medical College of Missouri.
Stark, Harry H.	Sept. 1, '96	Marion-Sims College of Medicine.
Stauffer, Wm. H	June 1, '96	Univ. of Ann Arbor Medical Dept., Michigan.
Stelle, Harry L.	Dec. 3, '96	Beaumont Hospital Medical College, St. Louis.
Stewart, Floyd	Oct. 5, '96	St. Louis Medical College, St. Louis.
Straus, Leon	Feb. 9, '97	University of Louisville, Ky.
Taggart, Harry W	May 9, '96	Marion-Sims College of Medicine.
Tam, William.	Feb. 2, '97	Eclectic Medical College, Des Moines.
Temm, Louis N.	May 8, '96	Missouri Medical College, St. Louis.
Thomas, Harry Morton	May 7, '96	Beaumont Hospital Medical College.
Tomlin, Benj F.	May 8, '96	Cincinnati College of Medicine and Surgery.
Turner, Geo. W.	Aug. 15, '96	St. Louis College of Physicians and Surgeons.
Turner, Wm. F.	Mar. 20, '97	American Medical College, St. Louis.
Tyndall, Martin V	May 5, '96	Barnes Medical College, St. Louis.
Vail, Wm. Hooker	Mar. 19 '97	St. Louis College of Physicians and Surgeons.
Varney, Franklin T.	June 4, '96	Marion-Sims College of Medicine.
Vogel, Albert B	Aug. 10, '96	St. Louis Medical College, St. Louis.
Von Phul, Phil. V.	June 3, '96	Missouri Medical College, St. Louis.
Walker, Jas. H.	July 27, '96	Barnes Medical College, St. Louis.
Westbrook, Geo. W	Mar. 19, '97	American Medical College, St. Louis.
Wiener, Meyer	May 11, '96	Missouri Medical College, St. Louis.
Wilhelmj, C. F. W.	Mar. 8, '97	St. Louis Medical College, St. Louis.
Williams, William K.	Aug. 27, '96	Medical Department, State University, Iowa.
Wilson, Alvah Miller	June 1, '96	St. Louis Medical College, St. Louis.
Wilson, Olive A. Chas.	July 23, '96	Woman's Hospital Medical College, Chicago.
Yeager, Geo. W	Feb. 8, '97	College of Physicians and Surgeons.
Young, Henry Esson	Mar. 29, '97	McGill Medical College, Montreal, Canada.
Wilson, Robert E.	June 6, '96	St. Louis Medical College.
Midwives.		
Alvis, Laverina	Mar. 27, '97	St. Louis College of Midwifery.
Balek, Anna	July 13, '96	Examined by State Board of Health.
Davis, Lena Margt.	May 21, '96	Lusk's College of Midwifery.
Engel, Dorothea	Sept. 4, '96	Dr. Carpentier's College of Midwifery.
Gierse, Louise	Sept. 22, '96	Dr Carpentier's College of Midwifery.
Goetze, Pauline	June 26, '96	Examined by State Board of Health.
Hannenhoefer, Louise	July 21, '96	Dr. Carpentier's College of Midwifery.
Higgins, Mary Ann	June 11, '96	Lusk's College of Midwifery.
Hofmann, Anna	Mar. 31, '97	Dr. Carpentier's College of Midwifery.
Kaeshoefer, Nancy S.	Apr. 16, '96	St. Louis College of Midwifery.
Kneapp, Annie	Oct. 5, '96	Dr. Carpentier's College of Midwifery.
Kraehemann, Catherine	Oct. 16, '96	Missouri School of Midwifery.
Luebbert, Annie	Mar. 24, '97	Dr. Carpentier's College of Midwifery.
Luenebrink, Elizabeth	July 24, 96	St. Louis College of Midwifery.
Munsberg, Lena	Oct. 12, '96	St. Louis College of Midwifery.
Nurre, Theresa	Jan. 9, '97	Dr. Carpentier's College of Midwifery.
Reitermann, Eliza	May 21, '96	Lusk's College of Midwifery.
Robbitt, Mary	Nov. 12, '96	Dr. Carpentier's College of Midwifery.
Roberts, Catherine G.	July 24, '96	St. Louis College of Midwifery.
Rothberg, Fannie	Feb. 1, '97	Kreitzer School of Midwifery, New York City.
Sacher, Margaret	Feb. 22, '97	Wisconsin School of Midwifery.
Spaeth, Sophia.	July 21, '96	Dr. Carpentier's College of Midwifery.
Stendel, Annie C.	May 14, '96	St. Louis College of Midwifery.
Young, Lillian VanArsdale	Oct. 12, '96	St. Louis College of Midwifery.

VICTIMS OF TORNADO OF MAY 27TH, 1896.

NAME.	DATE OF DEATH.	PLACE OF DEATH.
Altus, Henry	May 27.	Steel and Wire Works.
Allen, Chas. Edward	May 27.	Chouteau av. & Levee.
Acornero, Charles	May 30.	Alexian Bros. Hospital.
Anderson, Wm. F	May 27.	606 S. 7th st.
Anderson, Addie	June 5.	St. John's Hospital.
Baechlin, Ulrich	May 27.	1309 S. 7th st.
Bradshaw, Wallace	May 27.	923 W. Jefferson av.
Benwell, Fred	May 27.	Gravois rd. nr. Arsenal.
Bohn, Augusta	May 27.	1703 Park av.
Bowler, William	May 27.	3rd & Convent sts.
Benz, George	May 30.	St. Mary's Infirmary.
Bohle, George	May 31.	2807 Wisconsin av.
Bergest, John	May 27.	1700 S. Broadway.
Bannan, Michael	June 7.	Mullanphy Hospital.
Bene, Sylvester	May 27.	1418 Ohio av.
Crump, Catharine	May 27.	2711 Park av.
Craddick, Martin	May 27.	Liggett & Meyers Bldg.
Crook, William	May 27.	1611 Lafayette av.
Cheney, Emma L	May 27.	1819 Chouteau av.
Craemer, Kate	May 29.	2919 Caroline st.
Claypool, Ethel	May 27.	2641 Papin st.
Claypool, Cora	May 27.	2641 Papin st.
Cahill, Mary	May 27.	Jefferson & Papin st.
Dunn, Michael	May 27.	City Hospital.
Dugan, Rose	May 27.	1520 S. 8th st.
Dieterich, Peter	May 27.	9th & Barry sts.
DeSilver, Benjamin	May 31.	Alexian Bros. Hospital.
Enders, Charlotte	May 27.	610 Rutger st.
Eyman, T. A	May 27.	Levee & Chouteau av.
Elser, Joseph	May 27.	St. L. Gas Co.'s Stables.
Fisher, Frank H	May 27.	1944 Papin st.
Friesecke, Clara	May 27.	1333 S. 7th st.
Friesecke, Estella	May 27.	1333 S. 7th st.
Friesecke, Edna	May 27.	1333 S. 7th st.
Friegler, Casper	May 27.	Foot of Marine av.
Gardner, Anna	May 27.	1848 Menard st.
Gardner, Emma	May 27.	1848 Menard st.
Gaal, Julius	May 27.	208 S. Broadway.
Goff, James	May 27.	St. Mary's Infirmary.
Gallagher, Chas. L.	May 27.	2136 California av.
Gregory, William	May 29.	Alexian Bros. Hospital.
Gibson, Henry	May 27.	5526 Odell av.
Guttman, Adolph	May 27.	River, foot of Davis st.
Gregory, Anton	June 1.	St. John's Hospital.
Geares, Julia	May 27.	1306 S. 3rd st.
Geagan, Henry P.	May 29.	City Hospital.
Gray, Leon	May 27.	Bethesda Home.
Horn, Ida	May 27.	1819 Chouteau av.
Hess, Harry	May 27.	1107 S. 2nd st.
Helix, Melanie	May 27.	7th & Rutger sts.
Hasenfratz, Daniel	May 27.	Armstrong av.
Hessell, John	May 27.	1109 Emmett st.
Hickey, Maggie A	May 27.	Excelsior Laundry.
Herbet, George	May 27.	8th and Carroll sts.
Hermann, Catherine	May 27.	3644 Castleman av.
Howell, Jack	May 27.	714 Rutger st.
Howell, Ida	May 27.	714 Rutger st.
Howell, Alice	May 27.	714 Rutger st.
Irwin, Thomas J	May 27.	2210 Chouteau av.
Jones, Richard	May 27.	21st and Randolph sts.
Jacob, Birdie E	May 27.	1510 Vail place.
Knoebel, George W	May 27.	1303 S. 7th st.
Kiehling, Henry	May 27.	2nd and Soulard sts.
Killian, William	May 27.	1303 S. 7th st.
Killian, Thomas	May 27.	1303 S. 7th st.
Killian, Henry	May 27.	1303 S. 7th st.
Keim, George	May 27.	Geyer and Jefferson av.
Kelly, Alexander	June 4.	2621 Morgan st.
Lanham, William	May 27.	St. L. Gas Co.'s Stables.
Loehlein, William	May 27.	Luth. Sch., 8th & Barry.
Leva, Anna	May 27.	1007 Allen av.
Lanahan, James	May 30.	Rebecca Hospital.
Mauchenheimer, Mary	May 27.	1300 S. 7th st.
Mauchenheimer, Fred	May 27.	1300 S. 7th st.
Maurer, Joseph A	May 28.	Jefferson & Park avs.
Miller, J. J	May 27.	18th & Chouteau av.
Martini, Sophia	May 27.	402 S. 12th st.
Mee, Charles	May 27.	1503 Chestnut st.
Moore, Mary	June 5.	2341 Atlantic st.
McGivan, Mary Cath	May 27.	2725 St. Vincent av.
Munari, Hermann	May 27.	18th & Geyer av.
McDonald, Malachy	May 27.	Main & Convent sts.
Moraghann, Thomas L.	May 27.	Power House, U. D. L.
Ottensmeier, August	May 27.	3431 Gravois av.
Ottenad, William	May 27.	1700 S. Broadway.
Oates, Thomas	May 27.	Liggett & Meyers Bldg.
Oden, William	May 27.	Mississippi River.
Plachek, William	May 27.	614 Rutger st.
Prante, Katherine	May 27.	1500 S. 13th st.
Poppitz, Theodore	May 29.	2501 S. Broadway.
Plank, William	May 29.	St. John's Hospital.
Parker, Sol	May 27.	Mississippi River.
Ribbeck, Charles	May 27.	Iron Mountain Depot.
Rux, Matilda	May 27.	Luth. Sch., 8th & Barry.
Rux, Tina	May 27.	Luth. Sch., 8th & Barry.
Raftery, John	May 27.	Liggett & Meyers Bldg.
Reis, Theodore	May 28.	2140 Chouteau av.
Rohlfing, Annie	May 28.	2122 Geyer av.
Rueter, John Casper	June 1.	1907 Sullivan av.
Sudhoff, Charles	May 27.	1805 Dolman st.
Steinkoetter, Adam	May 27.	1622 S. 13th st.
Spillman, Martha B	May 27.	2711 Park av.
Selb, Edward	May 27.	Standard Bag Co.
Scherbel, John	May 27.	Soulard Market,
Stephens, Thaddeus J.	May 27.	McNulty av.&Vail place
Sims, Louis F	May 27.	1707 Park av.
Steinberg, Christian	May 27.	2648 Allen av.
Schneuriger, Alexander	May 28.	Evang. Luth. Hospital.
Schwerdtmann, Chas.	May 27.	2648 St. Vincent av.
Schmalenbach, Herm'n.	May 27.	1700 S. Broadway.
Schmidt, Charles	May 27.	2633 Hickory st.
Smith, Andrew	May 28.	Bethesda Home.
Silver, Benjamin	May 31.	Alexian Bros. Hospital.
Tandy, Chas. A	May 27.	Sawyer M'f'g Co.
Taylor, William	May 27.	1401 Missouri av.
Trachter, William	May 27.	7th & Rutger sts.
Tainter, Charles	May 27.	Bethesda Home.
Tolbert, Mary	May 27	Mississippi River.
Unknown white man	May 27.	2nd & Victor sts.
Vollmer, Gustave	May 27.	1300 S. 7th st.
Vignette, Louisa	May 27.	1300 S. 7th st.
Wahmkow, Johanna	June 8.	4401 Cottage av.
Wehrheim, Dina	May 27.	St. John's Hospital.
Weis, Max	May 27.	7th & Chouteau av.
Woods, William W	May 27.	1422 S. 18th st.
Wells, Theresa G.	May 27.	1728 S. 9th st.
Wells, Frederick G.	May 27.	1728 S. 9th st.
Wagner, John	May 27.	St. Mary's Infirmary.
Wilson, Robert	May 27.	Liggett & Meyers Bldg.
Wills, Michael	May 27.	St. L. Gas Co.'s Stables.
Woodruff, Sarah B	May 27.	2743 Ann av.
Winkler, William,	May 27.	8th & Park av.
Zimmerly, Samuel	May 27.	Soulard Market.
Zimmer, Ernst H.	May 27.	Missouri & Geyer av.

APPOINTMENTS.

Dr. J. H. Bruere, Clerk of Health Commissioner and Board of Health.
Charles E. Ellis, Veterinarian.
Adolph Delebar, Messenger.

CITY DISPENSARY.

Assistant Physicians.

Wm. H. Pauley, M. D.
Nelson J. Hawley, M. D.

HELP TEMPORARILY EMPLOYED.

For Cyclone District.

R. L. Moore, M. D.,
H. P. Mack, M. D.,
R. Buhman, M. D.,
Chas. Bruehmann, M. D.

For Sunstrokes.

Lee Mulhall, M. D.,
Albert Lewis, M. D.

For Vaccine Physicians.

Fountain Moore, M. D.,
Chas. Bruehmann, M. D.,
Frank Boogher, M. D.,
W. M. Dickerson, M. D.,
Wm. Robb, M. D.

Ambulance Drivers.

Edward C. Carorlan,
Robert Nagel.

CITY HOSPITAL.

Aug. R. Reder, Assistant Superintendent (reappointed).

Senior Assistant Physicians.

J. R. Lane. M. D., John Dean, M. D., M. G. Goring, M. D.

Junior Assistant Physicians.

Phillip Von Phul, M. D.,
Jno. O. Farrar, M. D.,
C. L. Fahnestock, M. D.,
W. Louis Schuchat, M. D.,
A. F. Henke, M. D.,
Herbert L. Montague, M. D.,
W. A. Brokaw, M. D.,
Walter Baumgarten, M. D.,
F. E. Woodruff, M. D.,
Thos. L. Bradley, M. D.,
Wm. H. Pauley, M. D.,
Meyer Weiner, M. D.,
Rufus L. McElroy, M. D.,
J. Edw. Coleman, M. D.,
John Dean, M. D.,
L. H. Hempleman, M. D.,
W. E. Sauer, M. D.,
Gustave Heidel, M. D.,
L. Dreschler, M. D.

Cooks.

Henry Fahey, Chief.
Julius Hennan, Assistant,
Louis Schiffner, Assistant,
Martin Mueller, Assistant,
Chas. Larson, Assistant.

Miscellaneous.

Thos. Callahan, Watchman old City Hospital (temporary),
Joseph Hays, Carpenter (temporary),
John Clark, Painter,
James Devere, Painter (temporary),
A. B. Walker, Chief Clerk (temporary),
Henry Koch, Chief Clerk,
Edw. St. John, Messenger,
Wm. E. Stille, Druggist,
Henry Heise, Druggist,
Jas. Avis, Outside Night Watchman,
Paul Poepping, Asst. Engineer,
A. E. Beardsley, Fireman,
Harry Whalen, Day Guard,
Jos. Schmeikel, Night Gateman.

Female Nurses.

Rose M. Thomas,
Emma J. Tuttweiler,
Ida Minnie,
Rosamond Ruck,
B. Morrell Spence,
Margaret F. Scott,
Annie B. Casey,
Ada M. Farr,
Lena M. Douglass,
Laura Garrignes,
Catherine M. Bates,
Elsie Rusk,
Minnie McCullum,
Beatrice Hendricks,
Alice Musson,
Ida Benson,
Jeannette Flannigan.

Male Nurses.

Fred Fingston,
O. H. Margaret.

First-class Help — Female.

Mary Leahey,
Mary Walsmith.

First-class Help — Male.

John Ende,
Otto Windorer.

Second-class Help — Female.

Matilda Pierson,
Clara Newton,
Mary McGrath,
Mary Cody,
Mary Bloom,
Barbara Sharp,
Norah McGowan,
Minnie Barry,
Mary Koch.

Third-class Help — Male.

Thos. Flynn,
Sam. Rosenheim,
H. F. Fritsche,
Jas. Freeman,
Chas. Schmidt,
Wm. Kelley,
Aug. Vasterling,
Sam'l Baer.

INSANE ASYLUM.

Assistant Physicians.

Conrad Baumgartener, M. D.,
Nelson J. Hawley, M. D.

Cooks.

J. B. Reider, Assistant,
George Crow, Assistant,
Frank Wilson, Assistant,
Chas. Busse, Assistant,
Morris Rima, Assistant,
Phillip McPhilemy, Assistant,
Wm. Hines, Assistant,
Leander Jester, Assistant,
Simon Schwed, Assistant,
F. F. Gailor, Assistant,
Martin Miller, Assistant,
John Morgan, Assistant,
Wm. R. Miller, Assistant,
E. M. Rouk, Assistant.

Engineers.

Dan Wagoner, Asst. Engineer,
Hy. Schwerdman, Asst. Engineer,
Jno. B. Wilson, Asst. Engineer.

Firemen.

H. S. J. Westhaus,
Frank Labor,
Frank Herring.

Laundresses.

Kate Walsh, Assistant,
Elizabeth Malroy, Assistant,
Mary Sharpley, Assistant,
Mary Ferry, Assistant,
Elizabeth Gaines, Assistant.

Attendants — Female.

Belle McDonald,
Tillie Mitzelfeld,
Lydia Parker,
Louisa Lyman,
Kate Rodgers.

Attendants — Male.

G. W. Brawley,
John Zimmerman,
Wm. Linnemeyer,
Jas. McMillan,
Michael Regan,
Edw. Gormly,
G. W. Warnhoff,
Edw. Goetz,
Richard Stephenson.
G. A. Hammett,
W. C. Simonson,
Alex. Legler,
Thos. Joyce,

First-class Help — Female.

Theresa Holmes.

Second-class Help — Female.

Noah Higgins,
Lizzie Kinnealy,
Rose Cahill,
Maud McDonald,
Agnes Nugent,
Mrs. Philip Detter.
Rose Brady,
Mary Higgins.

POOR HOUSE.

Cooks.

Wm. Burgess, Chief,
Sam'l Peats, Assistant,
R. R. Stoner, Assistant,
Wm. Conklin, Assistant.

Engineers.

R. F. Wilson, Assistant, Ben Wagoner, Chief, Jno. Widmer, Assistant.

Miscellaneous.

Chas. Lewis, Carpenter,
E. C. Nicholson, Carpenter,
Emma Meyer, Asst. Laundress,
T. Angel, Asst. Laundress,
A. Smetz, Fireman,
Thos. Coleman, Fireman,
J. L. Parrish, Ass't Physician,
Wm. Gross, Whitener,
Jos. Landenberger, Extra Help.

Attendants — Female.

L. C. McCord,
Nannie Clopton,
Pauline Goetz,
Jennie Kay,
Florence Childress,
Jennie L. Tonke,
Lizzie Kerr.

Attendants — Male.

Chas. Steck,
Chas. F. Flynn,
Thos. Turner,
Herman Huelsman,
L. P. Whittaker,
G. A. Mueller,
Hugo Gerber,
C. K. Dyer,
J. M. Nichols,
Christopher Tenting,
Chas. Frey,
Wm. Ford.

First-class Help — Female.

Lela Millikin,
Christina Clapp.

First-class Help — Male.

Joseph Jordan.

Second-class Help — Female.

Micha Winchester,
Kate Beile,
Sarah Nicholson,
Jennie Childress.

Second-class Help — Male.

Luther Reno.

FEMALE HOSPITAL.

Junior Assistant Physicians.

Chas. L. Oatman, M. D.,
J. G. Calhoun, M. D.,
W. E. Sauer, M. D.,
Jos. M. Blackmore, M. D.,
Robt. J. Terry, M. D.,
E. J. Washington, M. D.,
Wm. Brokaw, M. D.,
Geo. F. Chopin, M. D.,
Phillip VonPhul, M. D.

Miscellaneous.

Aug. Frankenstein, Carpenter,
Henry Wagoner, Carpenter,
Mary Hart, Asst. Cook,
Annie O'Connor, Seamstress,
Minnie Laurensen, Seamstress.

Nurses.

Annie Maurer,
M. A. Cooper,
A. T. Farrell,
Mary Walters,
Ida Palmer,
Emma Gray,
Mary Ward,
Gertie Cheney,
Ottilie Langner,
A. K. Ward,
Mary Powers,
J. Lawrence,
Lena Kaelin,
Kate McDermott.

Helpers in Lying-in Wards.

Annie R. Hunt,
J. Blackmer,
Florence Inmann,
Etta Riege,
Maud McElhaney,
Leah Pierce,
Julia C. Ogelvie,
Lena Phillips,
Annie Koch,
Ollie Peeples,
Minnie Haleworth,
Nannie H. Collie,
Allene Dick,
Lillian Cannon.

First-class Help — Male.

John W. Cross.

Second-class Help — Female.

Sarah McDonald,
Eliza Himberg,
Sallie C. Woodruff.

Second-class Help — Male.

Albert J. Jansen,
Poncratius Dish.

Third-class Help — Male.

Emil Albenitz,
John Juelich,
H. M. Byron,
Geo. Monken.

QUARANTINE AND SMALL-POX HOSPITAL.

Miscellaneous.

Frank Umberheim, Carpenter,
Lizzie Haley, Asst. Cook,
Nellie Rabbitt, Asst. Laundress.

Nurses.

Thos. Ellegood.

First-class Help.

Agnes McArdle,
Sadie Hay.

Second-class Help.

Jules Hill.

Second-class Help Temporarily Employed for Repairing Road.

Jack Metz,
Herman Hilke,
Dan Metz,
Geo. Jackson.
Anton Schumacher.

Fourth-class Help.

Wesley Ellis.

Owing to change several appointments were made to same position during the year.

Summary of Statistics.

During the Municipal year, 10,040 deaths were reported and during the Calendar year 9,897, being 143 in favor of the Calendar year. The death rate per thousand, population estimated at 570,000, was 17.6 for the Municipal year and 17.3 for the Calendar. There were 1,677 zymotic diseases, 16.94 per cent to the total mortality. Constitutional diseases 1,847, 18.66 per cent to the total. Local diseases 4,409, or 44.54 per cent to the total mortality. Developmental diseases, 1,193 or 12.05 per cent to the total. Violence, 779, or 7.8 per cent.

The deaths among the colored population was 1,121: 34.7 per 1,000, population estimated at 32,000, being 11.3 per cent of the total mortality. The deaths among the colored population exceed the births by 34 per cent, while the births among the whites exceed the deaths by 12 per cent.

The mortality of children under five years of age was 3,326, or 33.6 to the total mortality.

There were 11,281 births reported 19.7 to every 1,000 estimated population.

Very respectfully submitted,

J. H. BRUERE,

Clerk Health Cnmmissioner and Board of Health.

To the Health Commissioner.

For statistical tables, see part second.

III.

SANITARY DIVISION.

CHARLES W. FRANCIS.............................Chief Sanitary Officer.
J. G. McCloskey...Chief Clerk.

Sanitary Officers.

L. P. Baldwin,
C. G. Schroeder,
A. W. Becker,
Jacob Etling,
Chas. H. Brock,
Alex Montgomery, M. D.,
R. Osthaus,
Joseph Kunz,
O. J. Hoard,
A. Hartmann,
Con Molony,
G. M. Schmoll,
B. D. Kilcullen,
Jacob Berger,
A. L. Mepham,
Harry Knapp,
Martin Lohman,
F. G. Fisher,
Louis Grund, Jr.
R. W. Harbison,
Morris Jacks,
M. S. Madden.

Inspectors.

Joseph Ruga,
C. F. Leiber,
Clyde C. Wise,
Frank O'Laughlin,
B. Burkhardt,
A. J. Witte,
A. L. Geserich,
F. R. Fisher,
Chas. Morrell,
Philip Thomas,
A. G. League,
John Hillman.

Fumigators.

C. O. Berry,
John Hooper,
Louis Uhrig,
Gus Stoppelworth,
O. A. Hager,
Aug. Bergmann,
C. A. Brockmeyer,
Jacob Delabar,
G. A. Paquet.

	Appropriations.	Balances.	Overdrawn.
For Salaries......................	$38,650 00	$ 65 11	
" Labor Ordinance No. 18,526...	1,900 00	20 00	
" Office Expenses..............	6,800 00	16 24	
" Disinfectants................	4,500 00	364 74	
" Rent of Rooms..............	1,080 00		

ANNUAL STATEMENT.

SIR:— Science points the way for the suppression of disease. The sanitarian must, therefore, see to it that water supplies are kept unpolluted; that human waste is properly disposed of; that food supplies are not sophisticated, nor derived from infected sources; that streets and other public places are kept clean; that overcrowding in schools, tenement and lodging houses is not allowed; that proper measures of isolation, disinfection and cleansing are practiced whenever infectious diseases occur; that the citizen may be intellectually instructed whenever in doubt about his sanitary surroundings, or compelled to be clean when ignorantly or viciously at fault.

Public hygiene is about 50 years old, dating from the time when Dr. Wm. Farr established vital statistics for England. Prior to that, very little was known about the health of cities whether becoming better or worse.

In our own city, the first record that we have of the appointment of a Health Officer, was in 1832 when Cholera made its first appearance in the city. From

1832 to 1849 there does not appear to have been any regularly constituted Health Department, but sanitary matters were looked after by a Health Officer and a committee of the Council; but there are not any records of their work.

In 1849, St. Louis was visited by a terrible epidemic of Cholera; during the last week of December of 1848, steamboats arrived from New Orleans with Cholera on board. The disease continued to increase, and it would appear that very little was done by the city authorities to prevent the spreading of the disease within the city, or to stop the stream of infection that kept pouring in. In June of that year, the deaths rose to about 86 per day; a panic ensued, and in order that there might be some lawfully constituted body to take charge of the health of the city, an Ordinance was passed appointing a committee of 12, who were styled "A Committee of Public Health," and given almost absolute power. Authority was conferred upon them to make such regulations as they deemed necessary, and $50,000.00 was appropriated for the use. Within two or three weeks after this committee was appointed, the effect of their work and organization was clearly shown; and by the end of July the epidemic was over.

From 1850 to 1867 the health matters of the city were looked after by committees appointed from the Council. In 1866 Cholera again reached the city; the so-called Board of Health, which, like the Board of Health of 1849, consisted of a committee from the Council and a Health Officer, had neither authority nor money to take any steps to prevent the spread of the disease, and the disease increased with great rapidity. The last week in August the average number of deaths were 142 a day; again an organization was resorted to, and a committee of citizens from each ward was selected who acted with the Mayor, and from that time the mortality began to decline.

It was then clearly shown that in order to properly preserve the health of the city and successfully cope with any epidemics, there should be a thoroughly organized Board of Health.

In 1867 a new Board of Health, of which Dr. John T. Hodgen was President, was organized under a special act of the Legislature, and took charge of the management of the sanitary interests of St. Louis. That year (1867), Cholera again visited the city, but the Health Department was provided with an organization and proper and prompt steps were at once taken to suppress the disease. The result was, that while the Cholera had already a foothold from the previous year and started in earlier, it did not get beyond control, and the number of deaths were less than one-fifth of the number in the previous year.

I mention these facts connected with the early history of sanitation in St. Louis, in order to show how absolutely necessary and indispensable it is for a large city to have a thoroughly organized Health Department, and to also show what results have been attained. Each year since the Board of Health has been organized, has seen an improvement over the former year, and each year there has been disclosed new and enlarged fields for sanitary work.

Take the matter of statistics; no records of deaths can be found in the Health Office prior to 1850, and prior to 1886 there was no record kept of the number of cases of diseases; but since that time, considerable attention has been paid to statistics, and now the yearly reports of the Health Department furnish full and valuable tables in connection with all diseases; and in cases of communicable diseases show the cases and deaths by wards, location of the house, and the sanitary condition of the house where these diseases existed.

Prior to 1886 there was not any organized disinfecting corps, and only houses in which there had been smallpox were disinfected; and this work was done in a very slip-shod manner. Now the method of disinfection is very thorough, and extends to all parts of the houses, including soil pipes, vaults and sinks.

As I have stated, the first record of deaths is in 1850; but these records from 1850 to 1867, I do not believe are entirely reliable. Take the year 1866; the records show that 2,981 persons died of Cholera. From reports made elsewhere of the Cholera in that year, the number of deaths are given as 3,527; but Dr. McClellan's report on Cholera in the United States in 1873, gives the number of deaths from Cholera in St. Louis in 1866 as 8,500.

From observations that I have made during the years that I have been connected with the Department, I am convinced that the present record of deaths prior to 1867 is not complete. I am led to this opinion because hundreds of persons have applied for certificates of deaths of relatives or friends whom they positively asserted had died in this city, and no record of the names could be found in the records of the Health Department.

Advanced medical science and the application of modern hygienic measures have reduced the annual death rate per thousand, from 54 per cent in the year 1850 to 16.7 per cent in the year 1896.

As a striking illustration of what sanitation has done for the City of St. Louis, I will call attention to the matter of Typhoid Fever.

In 1850 the population of the city was 77,860; the total number of deaths from all causes was 4,210; the deaths from typhoid fever alone being 125. In 1851, the population was 86,157; the total number of deaths 4,388, of which number 218 died of typhoid fever. In 1895, with a population of 567,000 and with a total death rate of 9,425, only 100 deaths were from typhoid fever. In 1896, with a population of 590,000, the total number of deaths were 9,897, of which number only 118 died of typhoid fever.

The report herewith forwarded shows the work of the Sanitary Division of the Health Department for the fiscal year ending April, 1897. The tables accompanying report give very full statistics in relation to contagious disease, and also show the volume of work done by the officers.

The Ordinance passed in January, in relation to filth and offensive matter in tenement houses and at other premises has very much facilitated the work of the Sanitary Division. A large number of minor nuisances which formerly had to be acted on by the Board of Health, before proceedings could be had to abate them, can now under these provisions of this Ordinance be disposed of; and small matters which formerly were delayed for weeks and sometimes months, can now be remedied in a few days.

If the present provisions of the law which require that all cases brought before the Board of Health, must be first presented to the Board at one of its regular meetings, and a record entered of the order of the Board to notify parties to appear before it, can be altered so as to give to the Health Commissioner the power when a nuisance is found on private property, to issue a notice to the parties interested, to appear before the Board to show *why* the matters complained of, should not be condemned as a nuisance, it would still more facilitate the operations of the office, and do away with a very annoying "red tape system," that now exists.

There are three great stumbling blocks in the matter of keeping the city in good sanitary condition; first, is the defect in our Charter and Ordinances, in the laws governing the abatement of nuisances on private property, to be paid for by a tax bill issued against the property. Second, the almost utter impossibility of abating nuisances on public property. Third, the absence of proper ordinances regulating tenement property and defining the parties who must be held responsible for nuisances found thereon.

In regard to the abatement of nuisances by special tax bills, the Hon. Robt. McMath, President of the Board of Public Improvements, in a letter addressed to you during the present year, gives his opinion that it is entirely impracticable to do work to be thus paid for.

The result of this defect in our Charter and Ordinances is, that while the Health Department can compel resident owners to abate nuisances on their property, the nuisance on the property of non-residents cannot be remedied, and this is a difficult matter to explain to our citizens; it subjects the Department to much unpleasant criticism, and makes very difficult the work of doing away with unsanitary matters; the same conditions apply to nuisances on public property. To-day there are over 50 large ponds of water on City property, some of which have been existing for years, and some of which are in a horribly filthy condition, and nothing is done to abate them.

Citizens do not understand *why* the Health Department proceeds against them, while in their immediate neighborhood are these disease-breeding nuisances on the property of the City, to which no attention is paid.

Some years ago, a fund was provided to enable the Health Department to abate matters of this kind; but through a mistaken idea that this work was not necessary, the fund was abolished.

These nuisances on public property have been time after time called to the attention of the Street Department, but little or nothing has been done; the answer almost invariably being, " that the Street Department has not any funds available." Until the City enacts proper legislation so that nuisances on private and public property can be remedied, the Health Department will remain very much crippled in its efforts to place the city in a proper sanitary condition.

Tenement Houses.—Nowhere are sanitary regulations more important than in tenement houses. Our present Ordinances are defective and inoperative. This past year, a very thorough examination was made of 2,451 tenement property; on this property was found 4,493 buildings, occupied by 18,664 families, who in number amounted to a population of 75,000 people. This class of the population of a large city needs more constant sanitary supervision than any other; occupying crowded quarters, having common use of halls, yards, porches, cellars and vaults; having receptacles in common for ashes and garbage, composed generally of a class to whom the benefits and interests of sanitary laws are unknown, necessarily require that their well-being should be cared for by proper and just regulations, and the responsibility of the condition of such tenements should be clearly defined; and those who reap the benefit from the returns of such property, should be the ones required by law to maintain them in proper condition, and to see that they are provided with all requisite sanitary appliances necessary to promote the good health and comfort of the occupants.

The Ordinance you prepared, and now under consideration by the Municipal Assembly, should by all means be enacted, as it was prepared with great care and covers every condition.

Dairies.—The operation of the new law made for the regulation of dairies has been satisfactory. While only one veterinary surgeon has been appointed, a very close surveillance has been kept of the dairies, and during the year, 1,755 inspections were made.

In the beginning, a good deal of opposition was manifested by the dairymen; they appeared to think that the Ordinance was meant to oppress them and drive them out of the city. However, after a few months, the majority of them apparently regarded the Ordinance in a different light, and realized that nothing unreasonable was demanded of them; this change of sentiment amongst the dairymen was evidenced by the change in the condition of their premises and their willingness to follow the instructions and suggestions of the Veterinary Surgeon.

Ventilation of many of their stables has been greatly improved, and comparatively few can be found in an exceedingly filthy condition. More attention too has been paid to their cows. Of course those dairies in the heart of the city, which are to be found in the 5th, 7th, 9th, 21st and 25th wards are still far from being in the condition they should be; few of these dairies in these wards have cow lots, and in many of them the cows are constantly confined, and therefore their condition is not what it should be. Most of the cattle were found in perfectly good health; in some instances, the Veterinary Surgeon reported that he had suspicions that some of the cattle were infected with Tuberculosis, but he could not determine this by physical examination, and it only could be detected by the application of the Tuberculin test, for which the Department has no authority to insist upon.

Last June Dr. Chas. Ellis, assisted by Dr. T. E. White, the State Veterinarian, applied the Tuberculin test to the herd of cows at the Poor House belonging to the City of St. Louis. The test was applied to 29 cows, 22 of which reacted and were condemned by the State Veterinarian, as being Tuberculosis. Since that time 6 cows have died; on 4 of these were held post-mortem examinations. These post-mortem examinations revealed in each case that the cow was afflicted with general Tuberculosis. This post-mortem diagnosis was further confirmed by a microscopical examination made by Dr. Howard Carter, Milk Inspector.

The extent to which Tuberculosis prevails among the dairy cows of the city can only be thoroughly ascertained when legislation has been enacted, that will compel the owners of the cows to submit them to the Tuberculin test.

One provision of the Ordinance in relation to dairies, which the Department endeavored to enforce, was the provision that requires suitable catch basins to be placed in all stables which are connected with the Public Sewer System of the city.

Question as to the legality of this provision was raised and the point taken by the attorneys for the dairymen, that section 4 of ordinance 18,407 was unconstitutional and invalid, because the giving to the Board of Public Improvements the power to prescribe the kind of catch basin that must be used, was a delegation of legislative power. Until the validity of the ordinance on this question can be determined, I believe it unwise to attempt to enforce it; but this is an important feature connected with the city dairies, and one which very much affects the health and comfort of those citizens who reside near the dairies, as the discharge of cow manure into the sewers, constantly stops them up.

There is a case pending against Henry Uhlen of No. 2636 Lynch street, which has been selected as a test case. Attorney Charles H. Brock, who has been detailed by you to attend to the cases of the Health Department before the lower courts, has advised that no further cases be brought until this matter is passed upon by the Superior Courts.

The inspection of the dairies by the Veterinary Surgeon has shown such good results, that I strongly recommend that the second Veterinarian be appointed. The law provides for the appointment of two, and the work is too great to be thoroughly done by one man.

Communicable Diseases.— The present ordinance relating to the report by physicians of communicable diseases, is defective. Consumption is now classified as a communicable disease, and in many localities throughout the country is so considered and treated by Health Departments.

There is no ordinance now that requires physicians to report this disease nor is there any ordinance which compels the disinfection of premises in which there has been cases of consumption.

There are also defects in our laws in relation to the disinfection of houses in which there has been communicable diseases. The ordinance prepared by you governing this point, is now pending before the Municipal Assembly, and should be by all means enacted.

Disinfection of Houses.— At present and for years past the Health Department of St. Louis has disinfected houses by the use of sulphur and chlorine gas; but there are several objections to this mode of disinfection, and the Department has been looking for other means and watching with great interest the experiments made by the Health Authorities, in the use of Formaldehyde gas, as a disinfectant agent.

Quite a number of apparatus have been devised for the proper reduction of this gas. The United States Government has made many experiments, but the most difficult matter to be overcome appears to be the obtaining of an apparatus which will generate large quantities of this gas, and which can be put in practical use for the disinfection in large cities.

Some of these apparatus have been experimented with here, under the direction of Dr. Wm. C. Teichmann, the City Chemist, and Dr. Armand Ravold, the Bacteriological expert of the Department.

I regret to say that the results with the apparatus experimented with, were not successful, while some of these methods may have proven satisfactory for laboratory experiments conducted on a small scale, they do not appear to meet the requirements when applied to the thorough disinfection of houses.

Ordinance in Relation to Weeds.— Last summer the Department endeavored to enforce the provisions of Ordinance 18,415, which is an ordinance in relation to weeds on public and private property. Over 3,200 notices were served, and many citizens complied with the order; but the general result was far from being satisfactory.

Great difficulty was encountered in obtaining the names of the owners of the property on which the weeds were found. Plats had to be made and measurements taken of the blocks. About one-half of the notices were returned by the Marshal, with the statement that the parties could not be found in this city.

The Marshal declined carrying out that provision of the ordinance which says, "that where the owner or agent cannot be found, that he (the Marshal), should publish a notice in the papers doing the City printing, for five consecutive days, to remove the weeds;" he stated that he had not any funds out of which this expense could be paid; but in order to test the ordinance, the Health Department in a few cases published this notice, as provided in Section 3 of said ordinance, and then another notice as provided for by Section 10 of the same ordinance, was published by the Health Commissioner.

It was found that the cost of publication of these two notices for a lot of ground, amounted to about $15.00. Take, for instance, a lot of fifty feet; persons were found who were removing weeds from private property at a cost of from three to five cents a foot, which would make the cost of removing the weeds from a fifty foot-lot, about $2.00.

The idea of the City expending $15.00 in printing in order to compel the property owner to do $2.00 worth of work, was so ridiculous and unreasonable, that the advertising was discontinued. If all the cases that were returned by the Marshal as not found, had been advertised as provided by this Ordinance, it would have exhausted more than the whole amount of the fund given to the Health Commissioner for office expenses, as the cost alone for advertising would have been about $24,000.00.

A great deal of unimproved property on which were large growths of weeds, was found to belong to non-residents and about as much more was in the names of people who were out of town for the summer. Therefore, the practical working of the Ordinance applied to only about one-half of the lots reported, and only to those owners who could be found in the city.

In serving such a large number of notices, there was necessarily a great deal of delay, and in many instances it was discovered that between the time the Marshal served the notice and made the return, and the Sanitary Officers could inspect the property, the weeds had been cut, and grown up again.

The Ordinance as it stands to-day is practically inoperative, and will have to be very much simplified before it can be of any practical benefit. An immense amount of work was expended by the Sanitary Office in endeavoring to enforce this law, and the time consumed could have been far better utilized.

Sewer Districts.—The necessity of sewers in the closely built portion of the city in order to insure proper sanitary conditions, is a question that does not admit of any argument. The population of some parts of the new city limits and portions of the old limits has so greatly increased in the last few years, that the absence of sewer facilities is becoming, in several districts, a very serious matter.

The district between Neosho street on the south, Chariton on the north, Grand avenue on the west, and Broadway on the east is well built up, many streets and alleys are covered with ponds, and house drainage is being conducted to low points, and the condition of the territory will soon become very bad in a sanitary point of view, unless sewered. A public sewer on Dakota street from the river to Broadway must be first built before district sewers can be established.

In the district south of Arsenal street and between Gustine and Alfred avenues is another closely built up territory, for which sewer facilities are badly needed. All the surface water and house drainage is carried to the low land on Russell place; this ground has but a slight fall, and the drainage finds its way slowly to the creek crossing Gravois avenue near Chippewa street.

What will eventually be done about this drainage, I do not know; whether it will be conducted to Mill Creek sewer or taken south to a branch of the Des Peres river; but some steps must soon be taken to care for this sewage.

The district which is embraced between Delmar avenue on the south, Wells avenue on the north, Clara on the east and Goodfellow on the west, is almost entirely built up; all of that portion of this district south of Etzel avenue is dependent on temporary sanitary sewers for house drainage, but no provision for storm water. North of Etzel avenue there are only drains, and here the sanitary condition is very bad.

If the people owning property in this territory would open the alleys in the blocks, and dedicate the right of way for the main stem of the sewer, this whole district would be speedily sewered.

The next district requiring sewer facilities is the district bounded by Academy avenue on the east, Goodfellow on the west, Page avenue on the south and North Market on the north. All that I have said about the other districts, will apply to this district, and in addition there are in this territory in the portion lying north of Easton avenue, a large number of ponds which can only be done away with by sewers.

I believe it would be well for the Health Department to urge the Board of Public Improvements to do everything in their power to provide sewers for these four localities.

Very respectfully,

CHARLES W. FRANCIS,
Chief Sanitary Officer.

To the Health Commissioner.

(For statistical tables, see part second.)

IV.

DISPENSARY DIVISION.

Staff and Employees.

G. A. JORDAN, M. D. .... Chief Dispensary Physician.

Assistant Physicians.

Central.

G. L. Kearney, M.. D.,
C. A. Newcomb, M. D.,
M. J. Lippe, M. D.

Branch No. 1.

S. A. Peake, M. D.,
E. F. Randall, M. D.,
A. Leggat, M. D.

Branch No. 2.

E. N. Webster, M. D.,
F. W. Abekin, M. D.,
H. R. Hall, M. D.,

Vaccine Physicians.

Edgar Thompson, M. D.,
S. R. Johnson, M. D.,
H. Helwig, M. D.,
T. Reber, M. D.,
C. V. Dean, M. D.,
F. M. Bruner, M. D.

Sanitary Officer and Clerk.

M. J. Dwyer.

Ambulance Drivers.

Charles Hall,
Charles Ernst,
Edw. C. Carlan,
Henry Moll,
Wm. Norman,
Frank Graves,
Jacob Feesemeier,
Fred Buser,
Edw. Kusch,
Geo. Hupert,
Al. Young,
John Pearsall.

Branch No. 1.

Joseph Murray,
Lee Godfrey.

Branch No. 2.

Isaac Cohen,
Charles Lacber.

Attendant.

Eliza Cullen.

Janitor.

Isaac G. Harvey.

	Appropriations.	Balances.	Overdrawn.
For Salaries........................	$17,060 00	$563 94	
" Salaries of physicians at branch Dispensaries..................	8,280 00	28 00	
" Charity Prescriptions.............	17,000 00		$1,221 59
" New Ambulances........,......	1,500 00		
" Horses..........................	1,200 00		
" Salaries of Physicians temporarily employed......................	600 00	65 00	
" Rent of rooms....................	1,400 00	08	
" Fitting up Drug Store............	500 00	156 02	

ANNUAL STATEMENT.

SIR: — I have the honor to submit for your information and consideration the following statement of the work accomplished by the Dispensary Division during the year ending March 31st, 1897.

Classification of the work will be found in the accompanying statistical tables.

Clinical Work.— During the year 26,645 medical and 10,134 surgical cases have received attention, a total of 36,779. This is an increase of 13,623 over the preceding year, of which the increase in the medical cases was 9,324, and the surgical cases 4,299. In considering this enormous increase of clinical work, which we have been called upon to do, I wish to show the following comparison of the work for the past three years; that a proper appreciation may be had:—

1894–95.
18040 — increase over preceding year, 957.

1895–96.
23156 — increase over preceding year, 5116.

1896–97.
36779 — increase over preceding year, 13623.

This work embraces the out-clinic alone, and does not include the patients admitted to the different hospitals, the insane, and the patients treated in the City Jail, all of whom receive attention at our hands.

The very large number of patients who have received treatment at the Dispensary from year to year has inspired in the minds of many of the members of the medical profession the idea that we are treating indiscriminately all applicants.

That this is an unjust conclusion, I have no need to inform you, but for the benefit of members of the profession, to whose attention this report will be brought, and who have not the opportunity of personal observation, I will state that the matter of imposition, by persons who are able to recompense the physician and the druggist, is closely watched by us. Each of the assistant physicians, who do the clinical work, has the most positive instructions to be constantly on the alert for these cases, and in addition I have made it a rule to closely scrutinize the waiting room at every opportunity.

I do not mean to assert that some few do not run the gauntlet, it is a matter of impossibility to investigate thoroughly the financial standing of each and every applicant, but a long experience, and a system that we practice, generally results in the detection of the unworthy.

That these people who receive treatment at our hands are strictly charity cases is capable of demonstration at any time, and I will be pleased to have any one who doubts it call and make a personal examination of them.

I will except, of course, the first dressings of surgical cases.

These are made for any one, irrespective of financial conditions; the successive dressings, however, are only made for the charity cases.

Your attention is directed to tables 1 to 14 (inclusive).

Tables 1 to 12 set forth the work by months, and show the number of each separate disease treated. Table 13 shows this in total for the year, and table 14 divides the medical from the surgical work, and compares the total with the preceding year.

The Tornado.— On the evening of May 27th last, at about five o'clock in the afternoon, this city was visited by a tornado, which resulted in great loss of life and vast damage to property.

It passed through the city from southwest to northeast, and was most destructive to the district between Gravois and Chouteau avenues, Grand avenue and the river. Among the eleemosynary institutions wrecked were the City Hospital and the Poor House Hospital.

This catastrophe tried well the ability and training of the Dispensary and Ambulance corps, and it is a pleasure for me to be able to say that they were not found wanting in either. Within ten minutes after the calamity, the rooms of the Dispensary were crowded with panic-stricken people, some injured and others begging that help be sent to friends or relatives imprisoned under fallen walls, or otherwise beyond ordinary aid.

All lights were out, and all telephonic communication was cut off by the destruction of the wires, necessitating the use of lamps and messengers. Just at this time word was received that the City Hospital and Poor House were down, and request was made that immediate assistance be sent. When it is considered how many people these two institutions shelter, it is not hard to imagine what consternation this report, which was happily an exaggeration, caused.

In addition it conveyed the intelligence that the City Hospital could not be depended upon for assistance in caring for the unknown number of wounded, who by this time were coming in in rapid succession.

Something had to be done, and done quickly, to provide quarters for the injured, and for the patients at the City Hospital and Poor House Hospital. Messengers and ambulances were at once dispatched to both places to render such aid possible, and to get a true report of the situation. They returned with the information that the inmates of the Poor House Hospital would be cared for at the buildings not injured, and at the City Hospital, though the building was wrecked, only two were killed, and the remainder could be cared for until morning.

Through your efforts we had by this time secured possession of the building formerly occupied by the Sisters of the Good Shepherd as a Convent, a large roomy building answering admirably for a hospital in an emergency, such as confronted us. This was hurriedly furnished with cots and bed-clothing from hotels and purchased from stores.

Drs. A. V. L. Brokaw and Frank Rumbold, with their assistants, volunteered to take charge of the work at this temporary hospital; Dr. Rumbold also obtaining the services of the artillery ambulance, and the loan of blankets and surgical appliances from the First Regiment's field hospital supply.

With our hospital established, the work became rapidly systematized, and by two o'clock in the morning of May 28th, every injured person had received attention, and was either in the temporary hospital or at their homes. To accomplish this, every physician connected with the Dispensary was called upon, and all of the clerical force was pressed into service as ambulance drivers, delivery wagons having been hired to be used as ambulances. I cannot too highly praise the ambulance corps for their work of this night. With the streets in total darkness, a deluge of rain falling, they picked their way through a network of fallen wires and debris, often leading their horses by the bridles with one hand, and cutting hanging wires with the other.

At daylight, the work of transferring the patients and furnishings from the old wrecked hospital to the new temporary one, and also the distribution of the patients, already in the temporary hospital, to place in accordance with their needs, was commenced.

The temporary hospital was, as a matter of course, not prepared for major surgical operations, and all patients who might possibly be in need of such attention were taken either to St. John's Hospital or the Alexian Brothers Hospital, where arrangements had been made to care for them, at the expense of the City, until their cases terminated.

By four o'clock in the afternoon all patients were permanently settled, and the work had resumed its usual form, with the exception that for some weeks the major surgical cases were taken to either of the above named hospitals, and the supposed insane were placed under observation at the Insane Asylum, instead of at the City Hospital.

A dispensary was temporarily established in the building at Ninth and Marion streets, formerly occupied by St. Vincent's Insane Asylum, this being about the center of the district most seriously affected, for the speedy relief of the people, and the distribution of disinfectants, etc.

Physicians temporarily employed made visits to such persons as were not able to leave their homes, their medicines being furnished by contract with a neighboring druggist.

This dispensary was in operation for about a month, and then discontinued, its utility having ceased.

Before leaving this subject, I wish to extend my thanks to you, for the valuable aid and advice extended to me, to the members of the dispensary and ambulance corps, who worked without food or sleep, and without complaint for eighteen hours; to Drs. Brokaw and Rumbold and their assistants, who include many of the members of the First Regiment, and to the unknown volunteers who assisted us so greatly during that memorable night.

Insane.—During the year 414 cases of persons, alleged to be insane, were disposed of; a decrease of 55 over the preceding year. Of this number 328 were placed under observation at the City Hospital, of whom 169 were found to be proper subjects for asylum treatment, and forwarded to that institution. The balance of 159 were either found to be not insane, and released or were turned over to the care of relatives or friends.

There were 50 cases certified to be insane by physicians in private practice, passed upon by me and upon my recommendation admitted to the asylum by order of the Board of Health; and 36 cases were admitted directly to the asylum after an examination by one of the assistant physicians and myself. These admissions through the dispensary were such cases as did not admit of delay, for various reasons.

For the past two years the number of persons who have come under our observation, supposed to be insane, has shown a gradual decrease, the year 1895-6 showing a decrease of twenty-two, and the year 1896-7 a decrease of fifty-five cases. Previous to the destruction of the old City Hospital by the tornado, the supposed insane were confined in the basement, in cells containing from one to four suspects each, according to the number to be accommodated. These cells were quite roomy, but the evironments were objectionable, and in my report of last year, I criticised this plan and advocated the establishment of two wards, one each for the men and women, equipped with attendants, etc. In the temporary hospital this recommendation was carried out, and two wards were set apart as I had suggested.

While this, in theory, appeared to be the proper solution of this problem, experience has demonstrated that it does not entirely answer, for the reason that the violent and mild cases are of necessity mixed.

Assaults by one patient upon another have not been of infrequent occurrence, and one such assault ended fatally.

I would recommend that the patients be examined immediately upon admission by the superintendent of the hospital and myself, and if as a result of a superficial examination it seems that there are good grounds to lead to the belief that the patient is insane, he or she be at once transferred to the Insane Asylum, to be placed under the observation of the superintendent of that institution, and if found insane a regular permit of admission be issued. In this way it is possible to distribute them among the different halls, and surround them with a class of patients not irritating to them; not only reducing liabilities to accidents, but placing them where their cases may be observed to the best advantage.

Table No. 15 sets forth the insane work.

Hospital Admissions.— The number of persons admitted to the different hospitals during the year, numbered 13,857. Of this number 11,406 were admitted to the City Hospital, 2,449 to the Female Hospital, and 2 to the Smallpox Hospital. This is a total increase of 1,972 patients for the year.

I have in each of my yearly reports made mention of the practice of shipping into our city the destitute sick of the surrounding country. A person will be found sick and destitute by the people of a neighboring town or village, and to escape the care and expense of maintaining them until they are again able to sustain themselves, they either take up a collection or donate the necessary amount out of the municipal treasury, and furnish a ticket to St. Louis, with the information that we have good hospitals, and will take good care of them.

Our hospitals are crowded the year round to the limit of their capacity, far beyond their proper limit, and it is unjust to the citizens of our city, who are forced by circumstances to apply to us for hospital treatment, to say nothing of the imposition on the tax-payers of our city, that we should be forced to accept these people.

Time and again we have established the fact that a person has been deliberately sent to this city to be admitted to our hospitals, and the effrontery displayed in some cases is amazing. Only recently a man was sent to us from Poplar Bluffs, Mo., bearing a letter from the mayor of that town stating that he was sent us for hospital treatment, as they had no hospital accommodations.

These people cannot be turned out on the streets, and to send them back necessitates the purchase of a railroad ticket, so it is often economy to accept them and care for them until the termination of their cases. I would recommend that the Law Department of the City be requested to investigate this matter and advise what steps would be practical to take, looking to the correction of this practice.

There is a City Ordinance providing a penalty for such acts, and if it is a possibility to obtain a conviction, I would suggest that these cases be prosecuted.

Your attention is directed to Table No. 16 as setting forth the classification of hospital admissions.

Vaccinations.— The vaccinations for the year have numbered 8,073, of which 5,944 were primary, and 2,229 were revaccinations.

The value of having the city thoroughly vaccinated has been so often and so strongly demonstrated, that it has been my endeavor to continue this work closely. It has been seriously interfered with during the past year, however, in several ways which were entirely unavoidable, and consequently the amount of work in this line has not been so great as formerly. Immediately following the tornado of last May, all of the vaccine physicians were taken off of the work of vaccinating and placed in service administering to the wants of the tornado sufferers.

No sooner had we found some relief from this work than the sunstroke season was upon us and demanded the effort of every available man; and during the very cold weather of the past winter, at the time when most of the vaccination work is done, the men were called from their work to respond to the calls for assistance from the destitute, who, during the existence of the very cold weather, were visited in their homes.

What work has been done has been along the old lines, in schools (both public and parochial), lodging and tenement houses, mercantile establishments, river steamers, police stations, the dispensaries and at the Fair Grounds. Excepting under the most favorable circumstances we have been able to check the spread of small-pox in this City in its incipiency, and there is no question but that the thorough vaccination of our people, kept up from year to year, is largely the means by which we have been able to accomplish this result. I consider this city to be one of the most thoroughly protected against smallpox in the United States. The Higgins virus is still used exclusively by this Department, and I consider it the best on the market.

Table No. 17 details the vaccine work.

Sunstroke Work.— Although the month of June produced a few cases of sunstroke, seven being treated during that month, it was not until the middle of July that this work became heavy. Beginning on July 17th and ending August 15th, the number of patients received at times numbered from forty to fifty a day. The weather during this period was intensely hot, and it was noticed that nearly every case was of a serious character, the temperature ranging as a rule from 105 to 110 degrees.

The absence of the usual large number of heat exhaustion cases was notable; the cases received being with but very few exceptions, true cases of insolation. The summer of 1894–5 was very temperate and did not yield this class of patients, and this was my first opportunity to put into practice a plan of treatment which I felt was more rational than the one previously employed here, of immediately drenching the patient with ice cold water. It had always appeared to me that it was a grave error to immerse a patient with so high a temperature in water which was ice cold.

Although I am aware that this is advocated by many as the proper way to treat this affection, I am convinced that I have seen people killed in this way, the shock arresting the cardiac action.

I believed that better results could be obtained by a more conservative treatment, and inaugurated the following:—

Immediately upon the arrival of the patient he was stripped and the temperature taken, per rectum. If this showed 103 or over, the patient was at once placed in a bath of ordinary hydrant water for fifteen minutes. He was then removed and wrapped in a sheet saturated with cold water, placed on a cot and his temperature was again taken. If after a few minutes the temperature had not declined to within safe limits, the operation was repeated at intervals of fifteen minutes until the desired result was obtained.

During all of this time, it is to be understood, the patient was carefully watched, his pulse noted and his general condition closely looked after; stimulants being used when indicated.

As a stimulant strychnine was used, administered hypodermically; and as an antipyretic, we made use ofantipyrine in 10 grain doses, generally administering a dose of whisky shortly afterwards, to counteract the possible depressing effect.

As a result of this treatment, it sometimes happened that the temperature would suddenly recede to below normal. In such an event, the patient was at once wiped dry, rolled in a light dry blanket and stimulated, and in some cases given a brief warm-water bath.

Under no circumstances was any patient placed in a bath of ice cold water. In the cases with excessively high temperature the heat of the patient's body rapidly raised the temperature of the water, and in such cases cracked ice was added to the water, sufficiently to counteract this, our aim being to keep the temperature of the bath at about sixty degrees. I maintain that the difference between a temperature of 110 and 60 degrees is ample to get the good results, and may be safely attempted; where a difference of 110 and 40 degrees is at the very least, highly dangerous to a patient who is already on the verge of collapse from the long continued excessive temperature.

The cases showing a subnormal temperature, being cases of heat exhaustion, were treated by placing them on a cot in a cool spot and administering stimulants.

As a result of this mode of treatment, we met with great success, a great many of the patients with temperature of 110 and over making good recoveries; a great many more than under the old system, I am sure. In all 247 cases were treated by this system with a result of 212 recoveries and 35 deaths.

I consider this an excellent showing when it is considered that many of these cases were in the most desperate condition when received.

The wisdom of the districting of ambulances, which was inaugurated two years ago, was strongly demonstrated during the progress of this work, as was also the value of the two branch dispensaries, which relieved the central dispensary greatly, and, I am satisfied, saved many lives by making it possible to handle these sufferers quickly.

For the ambulances extra teams were hired to assist our regular teams; in this way giving both a chance to recuperate; but the weather was so severe that even with this precaution we lost two of our horses.

Taking everything into consideration, I believe that the cases were handled more satisfactorily this year than ever before.

Smallpox.— The past year developed two cases of smallpox, one developing in the city and the other coming here after the development of the disease; from neither of whom was there any spread of the disease.

Case No. 1.— On April 2d, Robert Vaughan (colored), 29 years old, a roustabout, employed on the Steamer "City of Monroe," and residing in the rear of 910 N. Eleventh street, was sent to the Smallpox Hospital, from his residence, suffering from this disease.

Vaughan had only arrived in the city two days before the stage of invasion, from a trip South which lasted three weeks, so he must have contracted the disease at some point outside of the city.

Dating back the required time for the development, I calculated that he was exposed at some point in Tennessee, and this is the more likely as the disease was known to exist at different points along the lower river. His wife accompanied him to the hospital, where he made a good recovery.

Immediately succeeding his removal, all precautions were taken to prevent the spread of the disease and these efforts were successful, no other cases developing from contact with him.

Case No. 2. On April 5th, Frank D. Boyle, 34 years old, a foreman having no home in the city, arrived on the Iron Mountain R. R. from Pine Bluff, Arkansas. He was entitled to treatment at the Missouri Pacific Hospital, and being aware of the character of his affliction, he applied there.

The house surgeon, upon examining him, at once suspected smallpox and this Department was notified. I examined the man and confirmed the diagnosis, and Boyle was at once removed to the Smallpox Hospital, the usual steps to prevent further development being taken.

This man contracted the disease in a railroad construction camp, twenty miles from Fort Smith, Arkansas. At this camp was a man who from Boyle's description had a case of confluent variola which was not recognized, and he was kept among the men until his recovery.

When Boyle developed the disease, he proceeded to Pine Bluff, and was treated by a physician there for syphilis, but becoming dissatisfied he obtained transportation and came here for the purpose of entering the hospital, as has been stated. He made a good recovery.

As a matter of precaution, the river steamers were inspected until the Boards of Health of the States bordering on the river, south of us, reported no more cases; and the horsemen who were stationed at the Fair Grounds, and who had in many cases come up from New Orleans and Memphis, were examined and vaccinated where it was necessary.

In connection with this subject, I wish to call attention to the lack of proper quarters where a quarantine may be established when necessary. Whenever there is an outbreak of smallpox such quarters are an absolute necessity for the proper management of the work.

Persons who are known to have been exposed, and who are taken ill suddenly, those who present typical symptoms of the stage of invasion, and those who present an eruption of a suspicious appearance, and yet not well enough developed to make a positive diagnosis, should be at once isolated for the safety of their neighbors. They must be at once placed in isolation or allowed to remain in their homes, often in tenement houses, until the diagnosis can be made, a period of about four days, as it is absolutely necessary that no mistake be made, and a person sent to quarantine who has not the disease.

If the person is allowed to remain in the house, and the suspicion proves well founded, the disease develops and we have had from three to four days of exposure of all persons who may have come in contact with the patient, and also of those who may have come in contact with the other occupants of the house, the disease being almost as readily conveyed through the medium of the clothing as from the patient.

This is an argument of the subject from its most favorable standpoint, as if such danger of contagion exists in the case of a patient with a home, how great must be the danger in the case of one who has no home, and who either depends upon the transient rooming house or the "barrel house" for shelter, and who perhaps spent no two nights in the same place. At the old City Hospital, during the outbreak of 1894–5 quarters of this character were established in the outlying stables and sheds, certainly unfit places in which to place persons who are entitled to the very best consideration. These people are forced to leave perhaps a comfortable home, through no wish or fault of theirs, and the least that should be done for them is to see that they have the advantage of every comfort that can be extended.

As some provision must be made for such an emergency, I would recommend that a house of about eight rooms and surrounded with about an acre of ground be leased and equipped for this purpose.

I would suggest also that the location be to the southwest of the center of the city, toward the hospital. During the time that this house is not occupied with patients, it could be closed and placed under the care of a watchman. At no time would it be a source of very much expense.

Ambulance Service.— The ambulance service of this city will compare most favorably with, if it does not surpass, any in the United States.

Our horses and wagons are in splendid condition, all of the latter are light running, and with the exception of five, are equipped with rubber tires. The difficulty that we so long experienced from the lack of a practical brake for the rubbered tired wagons, has been overcome, and we are now in possession of a brake that sufficiently blocks the wheel, and at the same time does not burn the rubber.

This brake is the invention of Mr. Peter Wagner, who has built all of our ambulances for the past few years, and is in the form of a rubber roller which turns with the wheel, and while not entirely blocking it, retards it sufficiently to take the strain off of the horses.

That our horses are in such excellent condition is due to the fact that the districting of the ambulances relieves them of the trips of great length, which they were in the past called upon to make.

For the same reason the ambulances are more presentable, there being less wear and tear on them than when they were driven over long distances. The rubber tires are also a protection to them, subjecting them to minimum amount of shaking.

I am pleased to note that my recommendation of last year, that the ambulances be granted the "right of way" in responding to calls, is being favorably considered by you, and that you are taking steps to have an ordinance passed providing for them this privilege.

My only object in asking this concession was to protect us in the cases of deliberate blocking of our ambulances by drivers of other vehicles, through sheer obstinacy. While we do not intend to use this concession, if granted, to make a grand stand display of speed on every occasion, there are times when such a right is to us of value in relation to the welfare of patients. The drivers have positive instructions that their horses are not to be driven faster than a trot, unless in a case of very great emergency, and if the right of way is accorded us, I shall undertake to see that the privilege is not abused.

Table No. 18 shows the work accomplished by the ambulance service during the year, 11,986 calls having been received and 42,776 1-7 miles traversed.

Remodeling the Dispensary.— For a long time we had been greatly annoyed and interfered with in our work by hangers-on in and around the offices of the Dispensary, and so great did this nuisance become, that it was determined to rearrange the offices, looking to its correction.

This was also necessary for the reason that we had decided to establish a pharmacy, by which we could directly supply our patients with medicines. On November 24th, the work of reconstruction began, and when completed the offices were arranged as follows:—

One large waiting-room, one medical room, one surgical room, and a room for the clerk's office and pharmacy. These rooms were provided with knobless doors and spring locks, were closed with springs, and pass keys furnished to all who had a right to admittance.

By this arrangement the practice of loafing has been effectually checked, and we are able to accomplish the work much more satisfactorily than before.

The pharmacy was placed in operation on January 7th, and since then the patients have been supplied from it exclusively.

I am convinced that this is going to be a much more satisfactory plan than the old one, of supplying the medicine in the form of tablets and by contract prescriptions. We are compelled to still operate the branch dispensaries on the old plan, as it would not be practical to establish pharmacies there.

Referring to Table No. 19, you will notice that we expended during the year $1,600.54 for charity prescriptions, an increase of $463.79 over the preceding year, and $720.04 for tablets, a decrease of $462.79 over the preceding year.

The Jail.— I regret to say that the jail is in the same condition as last year; no improvements having been made in the matter of cleanliness of the institution or its inmates, the quality of the food or its manner of being served. I would again recommend that more vegetables be served, that the hours be differently arranged for the meals, and that the prisoners be furnished tables, plates and spoons with which to dispose of the food. The plan of feeding them at seven in the morning and twelve o'clock noon leaves an interval of nineteen hours between the noon and morning meal, and only five hours between the morning and noon meals. I would suggest that the hours be changed to eight o'clock in the morning and four o'clock in the afternoon.

In my report of last year, I made suggestions as to the changes I considered necessary in the manner of feeding and the articles of diet.

In that report I also urged that some action be taken by which the jail and its inmates could be kept cleanly, and I detailed at that time what would be necessary to accomplish this. Although I am aware that you have done your utmost to secure recognition of these reforms nothing has been done in the matter. It is a matter that should not be neglected longer. The jail though otherwise cleanly, is overrun with vermin. That convicts should be confined in such a place would be reprehensible enough, but all here are not convicts; many of the prisoners are only awaiting trial, and are proven innocent when they secure a hearing. I contend that even though they were all guilty, they are entitled to a clean bed and good nourishing food, placed before them in a decent way.

The jail is also badly in need of a coat of paint. Malingering is so persistently practiced here, that I have established a rule depriving all prisoners who apply for treatment of their next exercise hour. Many would report sick simply for the purpose of being unlocked from their cells, and while awaiting their turn have the liberty of the floor, for from a half hour to an hour, according to the number to be seen. They would then throw the medicine into the water-closet. Several plans were tried to correct this imposition, without success, until the above was placed in operation, when the number of reported sick fell off from seventy to eighty per cent in a single day, and has since remained so. Now only those in actual need of medical attendance apply, and a vast amount of useless work and a large supply of medicine, that was formerly wasted, is saved.

During the year 3,452 prisoners were treated, an increase of 1,072 over the preceding year.

Financial.—During the year $47,950.55 was expended by this division, having exceeded the amount appropriated $1,221.59.

The arrangement of the yearly appropriation sets aside an amount for "charity prescriptions," out of which fund is paid everything except salaries for the regular officers and employees, rent of rooms, purchase of horses and purchase of ambulances.

For this fund, we received last year the same amount as for the year preceding, $12,500, although we had to maintain two branch dispensaries for an entire year, where in the preceding year they were only in existence for about six months. We should have an increased amount for this fund this year, an estimate of which I have furnished.

Table No. 20 shows in detail the expenditures of the year.

For the uniform kindness and consideration which I have at all times received at your hands, I wish to acknowledge my appreciation and thanks, and I wish also to accept this opportunity to thank the officers and employees, who have been uniformly attentive and courteous, performing their work in a highly satisfactory manner. Very respectfully,

G. A. JORDAN,
Chief Dispensary Physician.

To the Health Commissioner.

(For statistical tables, see part second.)

V.

CHEMIST'S DIVISION.

Staff and Employees.

William C. Teichmann, Ph. D	City Chemist.
Thomas A. Buckland	Assistant City Chemist.
Amand Ravold, M. D	Consulting Bacteriologist.

Janitor.

Henry R. Taylor.

	Appropriations.	Balance.	Overdrawn.
For Chemicals	$3,500.00	$118.72	

Note.— The salaries of the Chemist and Assistant are paid out of the Board of Health appropriation. The fees of the Bacteriologist are provided for under the Board of Health appropriations for bacteriological examinations.

ANNUAL STATEMENT.

Gentlemen:— I have the honor to herewith present my report of the work conducted in the City Chemist's office during the fiscal year 1896-97.

Number of samples of well water analyzed	94
" " " " cistern water analyzed	48
" " impure wells reported for condemnation	14
" " " cisterns reported for condemnation	7
" " forensic analyses made for the Police Department	3
" " culture tubes prepared for the bacteriological diagnosis of diphtheria	1,979
" " bacteriological examinations of culture tubes for the diagnosis of diphtheria, made in co-operation with the consulting bacteriologist	956
" " microscopic examinations of sputum for the diagnosis of tuberculosis made in co-operation with the consulting bacteriologist	324
" " examinations of blood for the diagnosis of typhoid fever made in co-operation with the consulting bacteriologist	37
Quantity of antitoxine prepared in co-operation with the consulting bacteriologist, about	20,000 cubic centimeters.
Quantity of antitoxine distributed to physicians upon application	11,645 cubic centimeters.

The chemical work in the City Chemist's office during the past fiscal year was confined almost entirely to the analysis of water from wells and cisterns. Lists of these, designating their location, were prepared by the Chief Sanitary Officer, and, by order of the Honorable Board of Health, forwarded to the undersigned with directions to analyze the water from these wells and cisterns.

The examinations were made in accordance with the standard adopted by the Honorable Board, but in many instances the analysis was not confined to the tests mentioned in the standard, and wherever local conditions justified a more comprehensive analysis than the standard called for, additional tests were made.

In the recommendation for condemnation of the well or cistern, however, I adhered strictly to the limits fixed by the standard which condemns all wells or cisterns as impure and unwholesome that contain:—

1st. More than 0.05 milligrammes of nitrogen in the form of nitrites per liter of water; or

2nd. More than 0.01 milligrammes of nitrogen in the form of nitrites per liter of water in conjunction with 0.15 milligrammes of nitrogen in the form of "free" ammonia per liter of water, and 100 milligrammes of chlorine per liter of water; or

3rd. Nitrogen in the form of "albuminoid" ammonia to the extent of 0 2 milligrammes per liter of water; or

4th. Phosphoric acid or phosphates as ascertained by the characteristic turbidity produced upon the addition of ammonium molybdate.

Regarding the tests applied to ascertain these impurities, I have nothing to add to my annual report of last year, where I named them singly. I have used the same tests since then and am satisfied that they are sufficiently reliable to obtain accurate results.

I find this standard an excellent guide in determining the character of well or cistern water, provided it could be broadened somewhat by authorizing the City Chemist to take into consideration various local conditions whenever a careful examination of the surroundings of the well or cistern convince him that the source of the impurities found in the water is not strictly an unsanitary one. There may be cisterns, for instance, which have been filled with rain water containing ammonia slightly in excess of the standard, but only traces of other impurities. I have made the observation that such a water may not change naturally for a long time, and the question arises that when such a cistern is unquestionably free from sewage pollution, would it not be well to make an allowance for this fact, and leave it to the judgment of the City Chemist whether the standard may be modified in such cases and the cistern not condemned.

Expert water analysts, as Drown, Warrington, Franklin, Tiemann and others consider such exceptions justifiable, and all recommend modifications of this kind.

I was a member of the commission of local expert chemists who framed the standard in 1893, and I know their views sufficiently to presume that it was their intention to allow of such an interpretation of the standard. Their idea was not to establish an arbitrary limit,— but merely to enable the rapid progress of the work by recommending a system of analysis which would furnish a guide generally sufficient to determine the character of the water, without excluding additional tests whenever they were deemed necessary by the analyst.

Since the local courts, in nuisance cases regarding wells, invariably demand my individual professional opinion as City Chemist on the character of the water, in addition to the standard, which they will not admit alone as testimony because it is not embodied in the Statutes of the City of St. Louis, an additional section for the standard would cover the point described above, without lessening the value of the standard as a general guide.

The samples of water analyzed were taken from various sections of the city far apart from each other; some from dairies located in the outskirts of the city, others from densely populated districts in the Fourth and Tenth Wards with their tenement houses without city water supply, and still others from less closely inhabited parts of the city where the sanitary conditions are more favorable to a better quality of water. It is, therefore, impossible to generalize on the character of these wells and cisterns until larger districts have been completely covered in the analytical work of this office. I can say, however, that I found the worst conditions prevailing on the premises of tenement houses in the Fourth and Tenth Wards, where in some instances wells were found containing nitrites, "free" and "albuminoid" ammonia, chlorides and phosphates exceeding the standard ten and twentyfold. Many of these tenement houses are entirely dependent upon the wells and cisterns for their water supply, owing to the failure of the property owners to provide them with city water.

The forensic analyses for the Police Department refer to substances analyzed to assist in the prosecution of criminal cases by the police.

I refer to the excellent report of the Consulting Bacteriologist, Dr. Amand Ravold, for a description of the bacteriological work in the City Chemist's office. A large part of the appropriation for my office was again utilized for the purchase of bacteriological apparatus and appliances. The bacteriological work has grown to such dimensions as to call for its complete separation from the City Chemist's office, by the creation of a biological division. The entire time of the Assistant City Chemist, Mr. Thomas A. Buckland, was again required to give to Dr. Ravold the assistance he needs in order to expedite this often rapidly accumulating work.

Accordingly, other work which would increase the utility of the City Chemist's office considerably, for instance, the examination of adulterated foods and drugs, could not be taken up this past year; and unless arrangements are made to again give me the services of the Assistant City Chemist, in accordance with the Ordinance creating the City Chemist's office, analytical work in addition to that which I am now doing without any help whatever, will have to be postponed until such assistance is again provided for.

The introduction of a bill in the City Council authorizing the Health Department to order the City Chemist to analyze "Adulterated Food and Drugs" is a good step in the right direction, and I shall welcome such important work as a justifiable utilization of the public services of this office.

In order to facilitate the prompt execution of these analyses, I respectfully suggest to the Honorable Board either the separation of the bacteriological section from the chemical division, or an amendment to said Bill "for the examination of adulterated foods and drugs" by means of which I receive an assistant.

Respectfully submitted,

WILLIAM C. TEICHMANN,
City Chemist.

To the Honorable Board of Health.

VI.

CITY HOSPITAL.

Staff and Employees.

Otto Sutter, M. D.................................. Superintendent.
A. R. Reder, M. D.................................. First Assistant Physician.
M. Geo. Gorin, M. D.................................. Senior Assistant Physician.
John M. Dean, M. D.................................. Senior Assistant Physician.

Junior Assistant Physicians.

F. E. Woodruff, M. D.,
L. H. Hempleman, M. D.,
G. A. Heidel, M. D.,
Meyer Weiner, M. D.,
Thos. L. Bradley, M. D.,
Walter Baumgarten, M. D.,
Louis Schuchat, M. D.,
Louis Dreschler, M. D.,
L. Williamson, M. D.,
O. F. Ball, M. D.,
W. E. Sauer, M. D.,
H. F. Dice, M. D.,
A. H. Henke, M. D.,
Wm. Pauley, M. D.

Chief Clerk.

H. A. Koch.
Lizzie Rowan, Assistant Clerk.
E. L. Warr, Superintendent Nurses.
Eddie St. John, Messenger.
Henry Heise, Druggist.

Engineers.

L. F. Mitchell, Chief.
Paul Poepping, Assistant.

Cooks.

Henry Fahey, Chief.
Matin Mueller, Assistant.
Henry Ziegler, Assistant.
Julius Herman, Assistant.

Day Nurses — Female.

Selina Gardner,
A. E. Slack.

Night Nurses — Male.

H. A. Hossfeld,
Oswald H. Margaret,
Fred Pfingston.
Wm. Chism,

Night Nurses — Female.

E. D. Craig,
Lena Douglass,
Alice Musson,
Florence Anderson,
Ada Farr,
Mary Gibson,
Alma Spence,
Annie Casey,
Rosamond Runck.

Assistant Nurses.

Sue. R. Jordan,
Annie Blair,
Lillie M. Benning,
Margaret Scott,
Beatrice Hendrix,
Mary C. Bourke,
Jeanette Flannagan,
Jessie Savidge,
Sophia Wuensch,
Johanna Thomsen,
Nellie Graham,
Laura Garrignes,
Ida Benson,
Emma Ray.

Miscellaneous.

Adolph Berliner, Steward,
Albert Huse, Carpenter,
Wm. Carthy, Painter,
John Clark, Painter,
Mary Lahey, Assistant Seamstress,
Jas. Avis, Outside Night Watch,
Mary Merriman, Laundress,
Chas. Schmidt, Fireman,
E. J. Farrington, Storekeeper,
Jas. Hayes, Carpenter,
James Devere, Painter,
M. E. Maher, Seamstress,
H. Huelsman, Outside Night Watch,
Thos. Callahan, Outside Night Watch,
Catherine O'Brein, Assistant Laundress,
Arlin Beardsley, Fireman.

First-class Help — Male.

Albert Belton,
Harry Whalen,
Fred Hubert,
John P. Kivits,
Chas. Pohlman.
Chas. Kruger,
Otto Winterer,

First-class Help — Female.

Sadie Cahill,
Clara Pfingston,
Mary Walschmidt.

Second-class Help — Female.

Annie Norton,
Margaret Hyde,
Mary Koch,
Mary Cody,
Hannah Herzog,
Nellie Hyde,
Matilda Pierson,
Rosa O'Rourke,
Mary Bloom,
Nora McGowan,
Mary McGrath.

Third-class Help — Male.

John O'Neill,
Otto Huse,
Wm. Kelly,
D. W. Campbell,
John Richman,
Jos. Schmikale,
Samuel Baer,
August Vasterling.

Fourth-class Help — Male.

James Halloran.

	Appropriations.	Balances.	Overdrawn.
For Salaries	$31,850 00	$ 61 76	
" Groceries	43,000 00		$2,841 68
" Drugs	8,700 00		501 52
" Dry Goods	9,200 00		614 62
" Forage	2,400 00	180 13	
" Labor	1,700 00	77 06	
" Fitting up temporary quarters for hospital purposes	18,100 00	360 27	
" Rent for temporary quarters	10,000 00		
" Miscellaneous repairs	2,100 00	471 65	
" Caring for patients at private hospitals	1,643 85		
" Fitting up observation ward for suspected smallpox patients	400 00	400 00	

ANNUAL STATEMENT.

SIR:—I herewith present to you for your consideration, the thirty-first annual report of the City Hospital ending March 31st, 1897.

A severe cyclone of May 27th, 1896, which destroyed our old quarters completely, made it necessary that temporary quarters should be procured, which was done by renting the only building in the city, at the time, that would, in a measure, answer the purpose of a hospital, namely, the House of Good Shepherd, at Seventeenth and Pine.

In this institution we have treated 2,000 patients, during the past year, than have been treated in our hospital any year during its existence. A great deal has been done to render this building fairly tenantable, but it is necessary to add additional work and material so as to render it better adapted to the comforts and safety of its inmates.

The boiler room should be ceiled with some asbestos or other non-conductor of heat, and then covered with corrugated iron to hold it in place; otherwise when the rooms are scrubbed, the water passing through the floor may cause it to fall from its fastenings. The entire structure, which includes the engine room, boiler house and laundry, is composed of yellow pine, which is now as dry as tinder. There is no telling what the effect of the increased heat of summer may have upon it. The floors should be protected from the radiated heat of the building.

Laundry Machines which have been in use in this institution for years, and repaired from time to time, until it is a waste of time and money to continue to repair them, should be replaced with new machines. The tumblers are badly cracked and the doors to some are so badly worn that they are beyond repair. The revolving gear and shafting, as well as the tumblers, will have to be renewed. Thus making it cheaper to purchase new machines. New machines will necessarily have to be of the same size and speed as those now in use, in order to use the pulleys and shaftings now in use. They are amply large.

A shirt, collar and cuff machine should be added to our laundry. At present the three washing machines used at this institution, are the A. M. Dolph machines, all brass and double geared. As the pulleys and shafting are in use on the above machines, I recommend that A. M. Dolph machines be again put in. These machines put up and in working order will cost $1,200.00. Cost of collar and cuff machine will be $165.00.

Steam Heating apparatus is composed principally of material from the old City Hospital ruins, and is considerably worn. The box coils in particular are worn out. They have been repaired repeatedly and repeatedly repaired, that they are eaten through; in the necessary jarring they receive during repair a new break is started in another place. They must be replaced, together with the new radiators, at a probable cost of $400.00.

It is necessary that the operating rooms should be so connected that the steam heat could be turned on in these rooms alone, independently of the other portion of the building, thereby rendering the institution more comfortable, as well as saving a large amount of coal. At present it is necessary to turn the heat on over the entire institution in order to have the temperature in a proper condition for doing work in the operating rooms. To have the operating rooms arranged so that they can be connected with the home supply of heat or be heated separately, will cost $475.

The present BOILER FEED PUMP has been in use the past 13 years; it is constantly out of repair. To save expense it is necessary to replace it with a new one.

Furnace.— The furnace walls have settled in several places, having been built on new ground, as a consequence the tiling is falling in. The lining to fire fronts and fire doors need removing and the bridge walls will have to be rebuilt.

Plumbing.— The appropriation for emergency work was not sufficient to complete the number of wash basins, sinks, etc., required in this institution. It will require $2,300 to complete this work.

Smoke Consumer.— It is necessary that to comply with City Ordinances we immediately erect a smoke consumer.

Fire Extinguishers.—We have no means whatever of combating fire. This matter needs immediate attention. This building is so constructed that in case of fire it would be impossible to rescue patients. We should have the best appliances procurable to prevent the awful catastrophe, which would be certain to follow, at present, in case of fire. As a safe, rapid and efficient remedy to check a fire in its early stages, the fire extinguisher stands ready to do its work when properly handled. There should be one, at least, in each of the halls. After examining carefully into this matter I recommend that the Stemple fire extinguishers are strongly built, easy to handle and simple in their construction; it will never lose its charge by leaking and will stand for years, ready for operation. I would recommend that 20 of these extinguishers be purchased.

Cells in Detention Wards.— The observation wards consist of two large rooms (one for male, another for female patients). This is not the proper manner of detaining insane or prisoners. This is a vicious system and cells should be built at once. These have been recommended some months ago. I respectfully ask that they be built at once, as we may have a tragedy in one of these wards at any time.

Ventilating Skylights for Laundry.— The ironing and exchange rooms of the boiler house, the roof is low and flat. From the heat beneath from the boiler house and the flat roof, the heat is too great for the employees in laundry. I would urge that there should be a ventilating skylight put in this department. The windows to be on pivots, so that a draught of air may be established to allow the hot air to escape.

Boiler Coverings.— The hot water, situated in engine room, and the steam drums, steam drum legs, header and steam pipes should be covered with asbestos magnesia covering.

Electric Bell System.—An electric bell system is required at once. There is no way to call physicians to various parts of the institution without following them over the building, thereby much valuable time is lost and unnecessary delay. No bell alarm can be called from the lodgekeeper's gate to the officer of the day, notifying him of the arrival of patients. It is very necessary that a call bell should be added, communicating from lodgekeepers' gate to physicians' quarters in the hospital.

Fire Escapes.— There is absolutely no provision made to put out a fire in our present quarters, no fire escapes, fire extinguisher nor hose. It is appalling to contemplate the result of a fire in this institution.

I feel this responsibility of having every necessary provision provided that will render the combating of a fire and the escape from same as convenient as possible. We must have fire escapes added at once, to be able to escape from the ravages of a fire. In this connection, I recommend that besides fire escapes, we provide a means of extinguishing a fire. As for fire escapes, the lowest possible estimate that can be put on them is $130.00 each. This includes a stand pipe with the necessary connections for the fire engines. It will require at least eight fire escapes to supply this building properly. Lateral pipes and risers should also be provided with hose connections, so that the hydrant pressure could be made available.

Fire hose is essential in case of fire and should be provided at once as we have none whatever on hand. The hose should be a strong cotton hose, not less than 2½ inches in inside diameter.

Electric Fans.— Certain parts of this institution are not ventilated, thus vitiating the air in these portions and rendering them excessively uncomfortable, especially during warm days and nights. I would recommend that ten fans, suitable for the purpose intended, be added to this institution.

Painting.— In order to restore this building to a normal cleanly condition, and have the rooms and corridors agreeably tenantable it will be necessary to have appropriated to this institution $691.00 for paint materials as follows:—

Lead	$325 00	Cement	$ 8 00
Oil	100 00	Putty	3 00
Turpentine	95 00	Varnish	13 00
Japan	20 00	Brushes	46 00
Colors in oil	30 00	Glass	10 00
Lime	10 00	Sundries	25 00
Sand	6 00		

Carpenter Repair Work.— It will be necessary to add an addition to Division 6, which is situated in the yard, and is insufficient to accommodate properly the patients we treat at this institution. This can be built by our carpenter if he has the material. In this department I recommend that the appropriation allowed, be as follows:—

10,000 feet Coffin Lumber	$200 00
3,000 " $\frac{7}{8}$ Dressed Lumber	120 00
1,000 " $1\frac{1}{8}$ " "	45 00
1,000 " $1\frac{3}{8}$ Poplar	46 00
1,000 " 2 Poplar	45 00
1,000 " $\frac{3}{8}$ Poplar	35 00
3,000 " Flooring	105 00
Nails, etc	350 00
	$946 00

This will be sufficient to include material for all repair work required in this department.

Telegraph Fund. — It is very necessary that we have a fund of about $100 to be used in telegraphing friends and relatives of patients dying at this institution. At present we send postal cards, but this method is very unsatisfactory, as it takes so long for a postal card to reach its destination and oftentimes there is a delay in their delivery, so that very often bodies have either been assigned to the Anatomical Board or buried in Potter's Field before their friends are heard from.

The above recommendations that I have made are very necessary, and they must be attended to at once. This work should have been performed last summer, when we were doing emergency work, but owing to the great demand made upon the City finances, following the cyclone, it was impossible to properly reconstruct this building. I therefore respectfully ask that these recommendations be considered urgent and that no delay ensue in completing them.

Accidents of a grave character have occurred, owing to delaying urgent reconstructions of various portions of this building, and delay may mean the involvement of accidents of a graver character.

That of a conflagration is uppermost in my mind.

As we are housing more patients than have been heretofore accommodated in this institution, the demands in the supply departments have been greater. We have had on an average of 200 patients per month more, during the past year, than have been accommodated in the history of the institution.

The greater number of applicants to the hospital is due to the great financial depression that has existed.

In order that the sick may receive that attention, in every detail, that should be accorded them, it is necessary that our appropriation for supplies be increased.

I thank you for the uniform support you have tendered this institution during the past year; also the physicians that compose the hospital staff, as well as the nurses.

Respectfully,

OTTO SUTTER, M. D.,
Superintendent.

To the Health Commissioner.

For statistical tables, see part second.

VII.

INSANE ASYLUM.

Staff and Employees.

Edward C. Runge, M. D	Superintendent.
Louis J. Oatman, M. D	Senior Assistant Physician.
Conrad Baumgartner, M. D	Senior Assistant Physician.
H. W. Curtin, M. D	Junior Assistant Physician.
Nelson J. Hawley, M. D	Junior Assistant Physician.

Chief Clerk.

R. E. Lee Gibson.
Henry W. Fletcher, Druggist. George L. Weisenberger, Assistant Clerk.

Engineers.

John McEnroe, Chief.
Jos. L. Hilliard, Assistant. John Reudi, Assistant.
John B. Wilson, Assistant.

Firemen.

F. P. Herring, Frank Laber, J. S. Westhaus.

Cooks.

George Crow, Chief.
George Glass, Assistant. Philip McPhilemy, Assistant. Frank Wilson, Assistant.
E. F. Gailor, Assistant. Chas. F. Busse, Assistant.

Supervisors.

Fred Bunte, Margaret Shea.

Head Assistants — Male.

George Mitzelfeld, Henry P. Shea, Dan'l Murphy,
George A. Hammett, Hugo N. Vollman.

Head Assistants — Female.

Lizzie Lamoreaux, Anna Moraghan, Johanna Noonan,
Belle McDonald, Kate Rodgers.

Night Watch — Male.

William Manion, John E. Thomas, John D. Gleeson,
Peter Eiswirth, Fred. W. Byer.

Night Watch — Female.

Mary J. Williams, Alice Howard, Mary Summerfield,
Mary Fitsgibbons.

William Meyer, Carpenter, Elizabeth Fleming, Chief Laundress.
Henry Hackman, Gardener. Emma Hawley, Seamstress.

Attendants — Male.

John W. Ingoldsby,
George W. Carey,
W. C. Simonson,
Wm. Linnemeyer,
Wm. W. Webster,
Chas. A. Fitzgerald,
Edward Gormley,
Jas. McMillan,
John Zimmerman,
Albert Von-den-Broeck,
Frank G. Davis,
Richard Stephenson.

Attendants — Female.

Annie McHale,
Kate Burke,
Nellie C. Mansfield,
Tillie Mitzelfeld,
Maud McDonald,
Christina Krebs,
Margaret Commerford,
Frances F. Casey,
Mary O'Brien,
Lydia Parker.
Mary Ford,
Nellie Sweeney,
Sophia Seekamp,
Lammie Keenan,

First-class Help — Female.

Belle Newman,
Theresa Holmes,
Lizzie Kinnealy.

Second-class Help — Female.

Rose Cahill,
Kate Walsh,
Rose Grady,
Mary Ferry.

Third-class Help — Male.

Camillo Carrione,
Henry Munch,
Thomas Joyce,
Edward Goetz.

	Appropriations.	Balances.	Overdrawn.
For Salaries	$33,900 00	$55 75	
" Groceries	39,000 00	1,613 36	
" Drugs	1,200 00		$106 62
" For Dry Goods	7,000 00		103 61
" Forage	1,650 00	67 54	
" Labor	3,000 00		229 55
" Entertainments	300 00	7 48	
" Plastering and painting kitchen walls, repairing ceilings of kitchen and laundry	1,200 00	766 22	
" Ventilating fan for kitchen	450 00	15 00	
" Two new ice boxes	500 00	106 81	
" House tank	150 00		
" Closing up tunnels in basement	60 00	30 42	
" Repairing flooring in cottages	400 00	32 00	
" Overhauling engines	300 00	27 00	
" Repairing plumbing in bath rooms	300 00	12 66	
" Heaters for bath rooms	500 00	130 00	
" Heating apparatus at cottages	500 00	25 00	
" Inclosing grounds with barb wire fencing	500 00	46 34	
" Additions to greenhouse	250 00	22 60	
" Repairing buildings damaged by tornado	711 09		

ANNUAL STATEMENT.

Sir: — In placing into your hands the twenty-eighth annual report of the St. Louis Insane Asylum, for the year ending March 31, 1897, I look back over the period intervening between this and last year's report with mingled feelings of satisfaction and regret; satisfaction at the little that has been accomplished, and regret at having so much left undone. If we consider that the shaping of the destinies of public wards is dependent on the good will of the many, and on the workings of a complex Municipal or State machinery, we should not be taken back when the balance struck between our expectations at the approach of every new fiscal year and their realization at the end of the same year, seems very discouraging. The farmer sows his seed in hope of reaping a harvest; will he cease to sow the seed when the crop has failed him? Will he not rather persevere in his efforts to wrest from reluctant nature the due of his honest labors? What is true of the farmer is true of men of all the walks of life. In my effort to emphasize the urgent needs of this institution, I shall dip, as a matter of course, into the past, being satisfied that "constant drops of water do wear the hardest stone." Last year I spoke of the overcrowded condition of this Hospital in the following language: "I think the need for additional buildings is fully understood by those interested in the welfare of the institution, still I deem it proper to call your attention to the difference between a Hospital for the insane and one for the physically sick.

Air space and bed space do not represent all our wants; what we need fully as urgently is an abundance of living space, *i. e.*, actual elbow room. A ward crowded to overflowing with violent or aggressive cases, gives at any and all times, occasion for dangerous friction, besides throwing together patients who, by their training, moral habits and intellectual endowments, are as incompatible as oil and water."

"I fervently hope that the day will soon dawn which will bring the much-needed relief to these unfortunate creatures who are charges on public charity, not of their own free will. It is society's sacred duty to compensate these creatures for the ostracism imposed upon them through no fault of their own." "In the light of our present views, it is nothing short of criminal to allow tuberculous patients to commingle with the physically well, but here, as everywhere else, I am unable to institute changes until our buildings are enlarged."

These words were penned at a time when the daily average of the patients was 380. The institution houses to-day, 481 patients, and the daily average is computed at 446, with a prospect of gradual but certain increase, and no relief in sight. What else am I expected to do but to point the finger of indignation at this distressing state of affairs? If I had the power and opportunity I would shout my indignation from the very housetops, but to what purpose? Is it not another instance of the lonely voice dying away in the vast expanse of the desert? Grand juries, commissioners of charity, city officials, bodies of citizens of all kinds and complexions, have time after time placed their seal of condemnation on the existing conditions, and still we are as far removed from the goal as we ever were. True, there is a certain class of people steeped in utter ignorance of the actual requirements of a hospital for the mentally afflicted, a hospital filled at times with wildly maniacal patients whose recovery is chiefly assured by complete isolation in the rooms,— not cells, as popularly believed,— who proclaim that a building originally intended for not over 300, should be prepared to take care of 560 patients. Such people, and their number is not few, remind me of the housekeeper who in wielding the broom, aims studiously to conceal from view the sweepings, under the sheltering cover of diverse pieces of household furniture. To these people the insane are sweepings gathered from amidst society to be thrown out of view behind locks and bars; once safely removed, the poor devils may get along as best they may. There are other people, — people of thought and refinement, whom I have heard advocate measures for ridding society of the irksome burden put upon it by its insane members, which would ultimately lead to the establishment of human "dog-pounds." Whenever it has been my misfortune to listen to such barbarisms, I have wished in my innermost soul that in just retribution, some one of their own flesh and blood would at some future day join the ranks of the afflicted. Would they then stand the test of their theories and, like Brutus, condemn their own flesh and blood? The very same persons openly sanction the execution of an insane man who happened to commit a crime calling for the extreme penalty. They are law-abiding citizens who would indignantly protest against the accusation of having been guilty of any act that smacked of lawlessness. It is well for these gentlemen to keep in mind that on the pages of the statutes of all civilized nations, appears axiomatically the provision that "no one should suffer penalty for any act for which he is not responsible." "An insane man who murdered should hang, — it's a good riddance" — has been said. Such a sentiment involves an attempt at drawing a hard and fast dividing line between the different forms of mental disease as to their tendency to homicide. Let us see how far this view is borne out by experience: I shall confine myself to citing cases that are in my charge at present. A mother in the throes of a profound agitated melancholia kills two of her infants and then makes an almost successful attempt at suicide. A man afflicted with a furious mania (not a frequent type) kills his wife blindly, mercilessly. An epileptic during the period of suspended consciousness grasps anything within reach and attempts the life of one of his nearest and dearest kin. An Imbecile devoid congenitally of normal controlling power with a narrowly circumscribed intellectual horizon, raises his armed hand against his mother. A Paranoiac following the dictates of his delusional life tries to right a social wrong and is indicted for assault to kill. A Paralytic Dement during the period of this malady's incipiency when the props of sound mentality are slowly but surely giving way, falls victim to uncontrollable passion and attempts the life of a member of his family. I could multiply these examples but I believe the cases cited, presenting as they do a mixture of hopeless and recoverable forms of disease, should be sufficient to prove the above mentioned claims invalid. If we ever reach the point — which we never shall — of condemning the insane to a refined euthanasia we should certainly not fail to include the sane indigent who are for the remainder of their lives a burden to society — the consumptives who suffer more intensely than the average insane, and whose expectorations are a standing menace to public health. Every chronic invalid should be dispatched into the great unknown — thus saving society the inconvenience of witnessing their sufferings and the necessity of caring for them. There is abroad in the land the absurd superstition born and nurtured in ignorance, that the insane are all but devoid of human semblance, a lot of driveling, shrieking idiots. It seems not to be generally known that our patients are moved by the same sentiments and passions, that many of their actions are dictated by the very same motives as we see displayed in the normal individual's daily life, it is the same drama enacted between the cradle and the grave, only with the introduction of a new element, but on the whole the drama remains intensely human. The love of life, the horror of approaching dissolution, enters into the nature of most of the insane and make them one with all living organisms. I shall never forget some incidents preceding the death of a venerable nonagenarian. He had led a quiet, contented existence in this institution through a period of twelve years, satisfied with being a member of the illustrious Orleans family, and with being the owner of all the land for miles around. He was stricken with pneumonia. When the shadow of death fell upon him, he pitifully pleaded for help, and evinced a touching love for that poor life of his; a life spent within the walls of an Insane Asylum so replete with untold terrors to the uninitiated. Rise, you gentlemen of the advanced ideas, and put your death-dealing sentence into execution while help-pleading words assail your ear, will you dare? Whenever we lay out a line of reasoning it means moral cowardice if we refuse to follow out our arguments to their very last, logical conclusion. I do not believe that the views quoted above are prompted by innate cruelty, it is rather gross ignorance of everything that pertains to insanity and the insane. This ignorance is so widespread, that it is the more remarkable to have any one declare himself or herself judge in matters psychiatric. People who would shrink from giving an opinion in mooted cases of physical disease, arrogate to themselves the right of passing upon the mental state of one of their fellows, even after frankly admitting that the brain and its manifestations may be counted among the mystery of mysteries. The prevailing legal course in dealing with the alleged insane *i. e.*, the fact of leaving the decision as to their mental state in the hands of a lay jury, is unquestionably instrumental in strengthening popular prejudice in favor of the assumption that any one endowed with that often spoken of, still enigmatical faculty styled "common sense," is fully prepared to cope successfully with the intricacies of psychic maladies. Fortunately for all concerned, the tide of true century humanitarianism is not to be stayed by any of the above detailed statements, medievalism is forever doomed to eternal perdition. To keep down the standard of institutions for the insane is contrary to the consideration of practical soundness or economy. The better equipped a hospital for the insane, the greater its facilities for the latter's treatment, the higher runs the ratio of absolute recoveries, in other words, a great many permanent denizens would have been but temporary patients under more propitious conditions. This is an axiom fully established by comparative, vital statistics.

In reverting to our own institution, I will state that I have watched with interest the course pursued by the Hospital Commission. Its proposals for the removal of the paupers to some other abode, and for merging the entire present Poor House plant into the Insane Asylum are timely and in line with my former recommendations. The space thus gained would not by any means make the erection of additional buildings less urgent, but some relief would necessarily follow this only too long delayed step. The shameful spectacle of seeing imbecile children and infants thrown among the adult insane could be done away with; the epileptics could be isolated; the present Insane Asylum would be able to rid itself of the hopeless insane and take in exchange some of the chronic cases who under existing conditions are condemned to a life of gravelike monotony. It is my honest belief that a number of cases housed at the Insane Department of the Poor House could be saved from utter intellectual wreck, if their surroundings were such as a hospital for the insane should offer. A good illustration of how absurdly defective our present accommodations are, was lately given when a case of diphtheria developed in our midst. Not only are we unable to isolate our tubercular patients, but even those suffering with acute infections could be isolated only with the utmost difficulty. The absence of a separate hospital building for the physically sick cannot be condemned in terms too severe. We have had four cases of childbirth during the year; just think of a poor woman who needs absolute quiet and peace, being surrounded with a large number of insane women. And then, the effect of a crying baby on the often naturally disturbed sleep of the patients, may be readily imagined.

While awaiting the action of the Municipal Assembly in regard to the Insane Department of the Poor House, I have urged the completion of the two hospital buildings damaged by the tornado; this would give us an opportunity to have two insane wards evacuated, thus relieving the pressure at the Asylum to the extent of about ninety patients. I fully realize that all these measures are merely temporary makeshifts and rather poor makeshifts at that. Patchwork will never give our city an efficient Hospital for the Insane;—that the true solution of the problem lies in the direction suggested in the Mayor's message, should be self-evident to any thinking citizens. Radical and lasting improvements are only to be hoped for by the raising of the City's bonded indebtedness, thus creating a source of revenue which will enable the Municipal Assembly to place our entire Hospital system at one stroke on a footing worthy of a great city. The question whether home or institution treatment should receive the palm of preference is still very much discussed. The ultimate results of this discussion would not affect our pleadings for more commodious, comfortable quarters, as the indigent insane and those of very limited means will always appeal to Municipal or State care, thus rendering the existence of special hospitals a matter of necessity and not of choice. The mention of Municipal care of the insane makes me mindful of the peculiar relations existing between this Asylum and the State at large. As every one knows the State has contributed to the maintenance of this Asylum since the Scheme and Charter of the city of St. Louis went into effect, by biennial appropriations. The latter have been growing consecutively smaller until two years ago but $20,000.00 were allowed. When the investigating Committee appointed by the Governor visited the Asylum during December last, I submitted to them among others the following data compiled on December 17th, 1896:—

Total number of patients, 474. The duration of their residence in the city of St. Louis prior to their admission as shown in the following table:—

Lifetime in city	119
Less than one month	8
From 1 to 3 months	10
From 3 to 6 months	5
From 6 months to 1 year	6
From 1 to 2 years	21
From 2 to 5 years	45
Over 5 years	223
St. Louis County patients	13
Not ascertained	24
Total	474

And their nativity:—

St. Louis	127
St. Louis County	8
Elsewhere in Missouri	31
Illinois	21
Other States	101
Foreign	179
Nativity not determined	7
Total	474

Seven hundred fifty-seven (757) insane were taken care of in the Insane Department of the Poor House on that day.

These data clearly prove that the City of St. Louis with 600,000 inhabitants constituting about one-fifth of the population of the State of Missouri, cares for over 1,200 insane while the remaining four-fifths of the State population support only about 1,900, *i. e.*:—

At the St. Joseph State Asylum about	800
At the Nevada State Asylum about	500
At the Fulton State Asylum about	600
Total	1,900

Expressed in percentage it may be said that 20 per cent of the State population support 40 per cent of the State's Insane, which on the face of it seems unjust. In the hands of Hon. Rowland L. Johnston, Representative from St. Louis County, these few data proved a help in securing, after a valiant struggle, an appropriation of 30,000 dollars.

I hope that by next year the St. Louis Insane Asylum may give place to the "St. Louis Hospital for the Insane," or, still better, to the "St. Louis City Sanitarium." My reasons for such a change were fully set forth in my previous report, chief of these being the fact that the name "Asylum" keeps incipient cases of mental aberration outside the institution's walls when treatment would promise the very best results; and no saving is implied by such a state of affairs, as these very same cases are sure to be placed eventually, under the sheltering wings of public charity, making them its life-long, instead of temporary, charges. The objection of the "Insane Asylum" is not confined to the patients' relatives, but is fully shared by many patients themselves. As the latter are brought to us against their will, their admission should be deprived as much as possible of all objectionable features. An early shock to a sensitive nature may do irreparable damage and could be mostly avoided if proper provisions were made. The admission to this hospital of a great number of patients through the City Hospital is full of obnoxious features. The City Hospital in its chronically congested condition, without the proper facilities and trained attendants, is an exceedingly undesirable abode for the insane subjected to the process of preliminary observation. The overcrowding with patients and the deficiency in the number of attendants, necessitate a procedure which seems to be most seriously rebelled against; I refer to the restricting of the patient's locomotion by means of a long strap attached to the bed by one end while the other end encircles the patient's ankle. "Like a monkey tied to the grind-organ," "tied like a vicious cur,"— are frequent comments of our patients after admission here, uttered with so much disgust and indignation as to point clearly to the perniciousness of the whole process.

Spacious and comfortable detention wards are a crying necessity, and a provision for such should not be overlooked in the plans for the new City Hospital, or, still better, on the Asylum Grounds.

In connection with this, I may point to the necessity of setting apart a specially fitted out detention ward for criminals suspected of simulation. The present mode of subjecting these to an examination while in jail, is highly reprehensible. I, for one, would flatly refuse to undertake an examination under such conditions, out of justice to the criminal, the State and our science.

To transform this Asylum into a hospital in the true sense of the word, the creation of a training school for attendants should be established on the same or similar principles as the St. Louis Training School for Nurses. I consider this matter of such paramount importance as to beg your indulgence for repeating what I had to say on the subject in my last annual statement: "An attendant must perform many of the duties of the trained nurse; as taking and recording blood temperature, administering medicines and enemata, etc., etc., all this tending to show the necessity of establishing for attendants, training schools with a full curriculum. To me the urgent necessity of such a step is so perfectly self-evident that I cannot appreciate the difficulties placed in the way of its realization. The need of trained nurses in a well-equipped hospital for the physically sick, is to-day conceded by all who have any acquaintance at all with the requirements of such an institution. That a hospital for the mentally alienated would presuppose in its corps of attendants, special training seems not to appeal to the same people with equal force. Some day they may have the misfortune to have a member of their own family become mentally afflicted, and to face the necessity of placing him or her in a hospital. Would they not tremble at the thought of leaving their dear ones in charge of untried, perhaps brutal novices? A short stay among the insane, the temporary assumption of the duties of a Superintendent of such a hospital, would unquestionably act as an educational factor of the most convincing nature.

To all the other worries of the latter position, is superadded one that overshadows all the rest, and that is the possible abuse of the insane at the hands of their attendants. It is a publicly well understood fact that there are no other institutions in which abuses can be practiced with greater impunity than in a hospital or asylum for the insane. The prisoner in jail or penitentiary may expect retribution to follow mistreatment of himself, because his evidence, if corroborated, will be considered valid, while the insane do not inspire the same confidence, and often justly so. The great importance of the question of abuse is best illustrated by the avidity with which the public press, and, in its wake, public opinion, catch fire at the slightest hint, or even statement of a discharged, hence disgruntled employee. Any one who weighs this question with due deliberation and without prejudice, must of necessity assent to my proposition. The creation of a training school would carry in its wake the introduction of a graded schedule of compensation. There should be reasonable inducements offered to good attendants to continue their work. If I should be instrumental, with your kind assistance, in establishing a training school for attendants at this institution, I should certainly consider it the proudest achievement of my life.

Although this institution is not yet a hospital in name, and not one entirely in fact, its atmosphere seems not lacking in the elements essential to comfort and contentment. In illustration I may cite the following cases:—

One male patient managed to escape from the grounds, and being a rather harmless sort of a fellow, no special effort was made to recapture him; he returned that very same night stating that after this, our "hotel" was good enough for him. Another patient who had recovered from a severe attack of acute delirium applied for re-admission so as to gain some more strength under our care. One young man who has suffered in the past with several attacks of homicidal impulse, has improved so much that I asked him recently whether he did not feel the desire to re-enter the outside world. He begged to be left with me, expressing a fear of relapsing into his former condition and stating that the life he had led here, gave him an opportunity of making himself useful, and was not devoid of charms. More than half a dozen former patients visit us regularly and by such visits bear witness to the fact that an institution of this kind does not necessarily fill with terror the souls of the unwilling captives; and this is a lesson yet to be learned by the great majority of our fellow-citizens. To make this institution still more attractive will be my unceasing effort. The fulfillment of my promise to enhance the natural beauties of our grounds was hastened by the ravages of the tornado last year. It completely wrecked the remaining fence constituting the so-called men's park. The removal of this whitewashed abomination has given us the unobstructed vista through our hilly grove. And I will say right here, that we have had fewer attempted escapes since the temptation for getting away from a narrow inclosure has been removed. I have entirely abandoned the idea of fencing off a piece of ground for our baseball players; they have their game on the open lawn on a plot adjoining the woman's grove, the latter constituting the most eager spectators and enthusiasts over the great national game.

In front of our campus, an eight-foot flag-pole now rises into the air, from which "old glory" floats proudly. The flag-raising will remain a memorable event in the recollection of all patients who were present, for the pleasures of our usual picnics were enhanced by the presence of a goodly number of veterans of Ransom Post, G. A. R., who conducted the services in a truly imposing manner. Last July, I hinted to some of our patients at the desirability of a contribution to the tornado relief fund. The suggestion took like wildfire, and an entertainment to which only patients contributed, was given in the open air. The proceeds, amounting to $39.00, were turned over to the Relief Fund Committee, and you should have seen our performers eagerly scan the newspapers in search for the public acknowledgment. If I succeed in getting the appropriation for the iron fence to take the place of the crumbling old stone wall, and for the Summer pavilion to top off our highest hill, we shall have grounds that no institution need be ashamed of, especially after our new green-house will have yielded its treasures to the flower beds. The newly created entertainment fund has not only furnished me the means for filling our patient's lives with pleasures of a fleeting nature, but has chiefly been drawn upon for rendering their daily surroundings more attractive. Quite artistic pictures on the walls, window curtains in the bed-rooms, glass vases on the window sills, filled even in winter with flowers as far as the supply from our new green-house will permit, ocean chairs, flower stands in the wards,—all these unite in depriving the wards of their former dreariness. About eighty volumes of good literature have been added to our library, a catalogue of which is within easy access on each ward. Our people are frequently deficient in spontaneity, some of the literature has been placed before them in inviting proximity on the shelves of open book-cases. I need hardly say that this has met with due appreciation on the part of many patients who gratefully comment on any effort directed toward making their seclusion more bearable. This has been particularly noticeable in the ward which is reserved for aggressive cases, and which was characterized by the absence of all movable pieces of furniture, as chairs, pictures, and even of forks and knives at the table. Pictures, curtains, a stand with plants on it, movable benches, chairs and tables, forks and knives at the table, have changed the tone of the hall as if by magic. For fully ten months there has not happened a single outbreak of violence on that ward, which goes to show that if trusted, most men will not fail to prove themselves worthy of the trust. This very same ward was previously held out as a threat to patients in other wards who showed themselves refractory; all this is changed, and a transfer to the formerly dreaded "III hall" does not meet with the slightest objection.

My plan for rearranging our dining-room system has just reached the phase of its realization. The small tables will soon be ready for use, and will prove an agreeable substitute for the long tables at which the process of eating more nearly approaches that of wholesale feeding. In two of the bath-rooms the tubs have been partitioned off, and in four more the same will be done in the near future. This arrangement has removed the objectionable features of public bathing, and cannot be further improved upon until the, for hospital purposes, obsolete bath-tubs shall have been replaced by the modern shower and spray bath. In the general treatment of patients, a course has been pursued similar to the one outlined in detail in my last annual report, to which I refer. Spurred by former success, we have taken courage in introducing novel features of entertainment. The Exposition Building was made last fall the stamping ground for about seventy-five patients divided in squads, and light opera was enjoyed by some in a neighboring garden. These visits were devoid of all sensational features so frequently looked forward to by the uninitiated, and added an unusual amount of contentment to the life of our people. As I pointed out in my last year's report the contact with their fellowmen outside of our walls is highly beneficial to the patients and acts also as an educational factor in the community.

To witness a crowd of the insane enjoying themselves at a public place tends to a better understanding of them, more than any amount of visits to the Hospital. In speaking of the latter, I will say that children of all ages are barred from public visiting for two reasons: First, because I do not believe children should receive impressions that are bound to be unpleasant and possibly repulsive to their untutored minds. Secondly, a child with its indiscretions, undisguised curiosity and at times expression of fear, is not a fit subject to face the suspicious and sensitive insane. This is not a matter of unnecessary detail but is as essential as any other measure calculated to promote the interests of our patients.

In whatever we do for our patients we must invariably consider their individuality. The schematic treatment of the physically sick is utterly absurd and is never resorted to by the scientifically trained physician, but such a treatment of the mentally afflicted is still more to be condemned. Some children are to be spurred to greater efforts, while others' ambition must be curbed,—a similar educational problem faces us daily. I have one patient in mind, a young girl of good family and education, who came to us suffering from hysterical insanity. As soon as she began to recover from her stuporous condition she took the notion that from each one of her fellow-patients a certain amount of work was expected in return for treatment received. To test the genuineness of this feverish thirst for labor, I ordered that the material for the work should by furnished as fast as it was wanted. I found that our little worker meant business, and after a day of unceasing toil, I interceded and by a great deal of reasoning succeeded in cooling the misguided ardor. Occupation of any kind is helpful to many of our people, but it has to be measured out to them in properly calculated doses. The same holds true with regard to the kind of literature selected for individual cases, and here I will say that one class of literature is particularly harmful to patients suffering with certain forms of mental disease and at some phases of others. I mean literature of a religious nature. The physiologically normal mind is chiefly characterized by the nicety of balance of all its faculties. A healthy reasoning power will never fail to keep in check the emotional self; whenever the former is impaired the latter is apt to run riot. It would be manifestly injudicious, to say the least, if we should add fuel to the burning fire by offering a mental pabulum which by its very nature appeals more to the emotions than to the reasoning faculty. This also covers the religious services held at the institution. They must necessarily be conducted in such a manner as not to create or increase already existing emotional storms. From Table No. 13 you will learn that of the 481 patients remaining on March 31st, 1897, 192, *i. e.*, about 40 per cent, professed the Catholic faith. After deducting the number appearing as not ascertained (79) and not professed (34), there remain 176, *i. e.*, about 37 per cent, scattered among eight non-Catholic denominations.

The striking preponderance of Catholics among our patients should not be construed as meaning that Catholicism particularly predisposes to mental affliction; it means simply that St. Louis, which furnishes most of our patients, counts among its citizens a large number of Catholics. So far as the Catholic services at this institution are concerned, I have found occasion to interfere but rarely. I have learned since assuming the duties of my present position, that the Catholic services are devoid of emotional features; in only two instances have I been compelled to keep patients for a time away from the confessional, because I saw that the latter seemed to produce a noticeable depression. To provide a suitable Protestant service is a more difficult problem, principally because we have no means at our disposal to compensate a minister for his services, as is done at nearly all State institutions of this character. The City Chaplain has so many institutions to look after that he cannot possibly give us his services with any kind of regularity. I have corresponded with representatives of the Evangelical Alliance and individual ministers, but have thus far failed to work out a scheme by which the spiritual needs of my Protestant patients may be satisfied.

All shouting and emotionalism must be kept out of our services, in order to serve their purpose, the latter must have an uplifting and not depressing effect on the naturally explosive minds of our flock. The best way out of the difficulty would be found, if special financial provision for paying a minister were made, but in the absence of such a provision I shall persevere in my attempt to solve the problem in a manner most beneficial to my charges. To shield the latter against all evil influence as far as is possible under existing conditions, is my chief aim, and for that very reason have I strenuously and successfully opposed any attempt at drawing any of my patients into an interview intended for publication in the daily press. Some of the representatives of the press have resented rather bitterly such a procedure, and on one occasion I appealed to the editor-in-chief of one of the papers in a letter, from which I quote the following:—

> "I am fully aware of the fact that I am in charge of a *public* institution which is at all times open for inspection and investigation by individual officials or official bodies instituted for that purpose. The Grand-juries, Charity Commissioners and others have access to each and every patient, thus securing for the latter the means for redress in case of ill treatment. As soon as a patient is committed, he or she passes under the protecting wing of the Asylum, and it is my sacred duty to shield them against all agencies that lead to exposure of their mental sufferings and habits, to the public gaze.
>
> "This privilege, enjoyed by the wealthier classes who have access to private institutions, should certainly be shared by my unfortunate charges, especially as almost all of them are made burdens on public charity against their free choice and will. I think you, Mr. Editor, will consider the stand taken by me reasonable."

That our efforts toward rendering the lives of our patients as comfortable and pleasant as possible, are not appreciated by every one, is a sad fact which was clearly illustrated in two instances, in which two women had sustained slight contusions while indulging in the not infrequent practice of self-flaggelation. With regard to one case, I wrote you on July 15th, 1896:—

> "A recently admitted patient, M. M., showed a few days ago a tendency to violence toward other patients, which called for temporary isolation. While in the room she managed to run her face against the door, causing in this—not unusual—way a contusion. Her father called the very next day, and accused the attendants of having beaten his daughter. I was absent at the time and the man left vowing dire vengeance.

"I need hardly say that the accusation is absolutely groundless, firstly, because I am certain that not a patient is beaten at any time or in any part of this institution, and secondly, because the four attendants on the ninth hall are of such gentleness and good nature as to preclude positively, any possibility of such an occurrence. Hospitals for the Insane are easily and at all times suspected of brutalities, and every fool takes it upon himself to give every incident occurring within their walls, the worst possible interpretation.

"Should M. M. appear before you with his gauzy tale you will oblige me by setting him thoroughly aright. Such people as he do not deserve any consideration, and should be handled without gloves."

The other case is spoken of in a letter of February 17th, 1897:—

"This patient, M. B., had been here for about three years; she suffered originally from Melancholia but is quite demented now. She is still subject to attacks of self-flagellation, and during one of these attacks she has slightly discolored one of her eyes. For this very reason are we compelled to protect her against herself by means of a camisole. She is often destructive, tearing her clothes and digging large masses of mortar out of the walls when unobserved. When Dr. Baumgartner had the husband face her, she immediately pointed to a bald spot on her head saying, 'here's the spot where you hit me,' meaning the husband, the latter at once emphatically stamped the allegations devoid of truth, and delusional."

On the whole, the number of accidents have been agreeably small, and in great part restricted to those of the epileptics whose attacks are not ushered in by a warning aura.

The purely medicinal treatment of patients must meet, like everything else in our dealings with the insane, the exigencies of each individual case, hence an exhaustive report in this direction is out of the question. I will but point to the fact that the opium treatment has given, in some cases of Melancholia, good results, particularly in women. In one case the result was actually brilliant. This was a lady, 53 years old, who was admitted on December 1st, 1891, She had been a neurasthenic of light degree for several years. In May, 1896, she developed the first pronounced symptoms of a Melancholia Simplex with food refusal and a wealth of delusions of a depressed nature. She was put on increased doses of opium and improved rapidly, physically as well as mentally; on January 10th, 1897, she left for her home and has been doing well ever since. The prolonged baths are still a prominent feature in our treatment of Manias and Maniacal states. At the time of this writing there are two cases of mania in the hospital, a man and a woman, who can be made to rest only by the bath alternating with a wet pack. The system of continuous feeding of this class of patients has been enlarged; as they do not care nor take time to masticate, we must tax our ingenuity to the very utmost in our efforts at finding the most varied concentrated foods in liquid form. That forced feeding over a long period of time, is at times followed by good results, has been well illustrated in the case of a young man who was fed from three to four times a day through a stomach tube daily, for fully five months. He was suffering with stupor, and is now ready to be discharged, having regained his physical and mental health. This patient was under the ban of the law for an attempted Post Office robbery, and at the beginning I suspected that our poor fellow was simulating, but I was soon convinced that he was a bona fide sufferer. A rather amusing incident occurred about the time when my suspicions as to his real condition were occupying my mind. A Frenchman, chronic maniac, pointed disdainfully while at the table, to the voluntary food abstainer, and exclaimed: "Il n'est pas fou, il vent mourir!" (he is not crazy, he wants to die!), which is another instance proving that the minds of the sane and the insane may very well travel along the same channels. We have not given any extensive trials to electrotherapy, so I have nothing to report on that score, except the effect of a gentle threat on a male patient who was brought in on a stretcher because of alleged inability to use his lower limbs.

The examination failed to reveal any local or central lesion which would have accounted for this paralysis; this fact and the general behavior of the patient made me think that he was shamming the paralysis. I sent word to him that only the battery held out to him a promise of recovery,— the very next morning I found our friend pacing the floor with flawless gait. He explained this sudden, miraculous change by the assertion that God had commanded him to rise and walk.

In dealing with the Insomnia of our patients, I state again with satisfaction that the amount of hypnotics used has been small. I hope to be able in my next report to give a tabulated statement, after our night attendants shall have learned greater exactness in rendering their reports. Chloral, the bromides and rarely morphine were chiefly prescribed in some old cases of secondary dementia that have retained a great deal of maniacal agitation, and in those of Dementia Paralytica. In the psychoses of more recent origin, we resorted chiefly to baths and trional. The former proved at times very effective, and then again they failed to produce favorable results. Table No. 22 will give you some idea of the effect of the trional administered in doses of from 0.90 to 1.20 grams. In 73 cases the insomnia was not relieved, while sleep followed its administration in 3 cases for one hour, in 22 cases for 2 hours, in 60 cases for 3 to 4 hours, and 95 cases for 5 hours and over.

Only in one case of severe mania was a condition bordering on collapse brought on by 1.2 grams of trional. No other bad results were ever observed. The same table will also offer some information as to the effect of a night lunch given to some patients suffering with insomnia and agitation. I introduced this for the reason that the interval between the supper and breakfast seemed entirely too great for the endurance of that class of patients. The results were much more striking on the male side of the hospital, where the light, extra meal produced sleep from one to five hours' duration in 126 cases: 78 proved refractory. In the women's division 99 cases were benefited while 118 did not react favorably. I shall enlarge this experiment, and would recommend the appointment of a night cook who could furnish a light diet for such cases. With regard to the medical work, I can add but little to what I had to say last year. Our new, clinical records will come into use after this; they will offer greater facilities for the necessary statistic work. My desire of having a woman physician on our staff, has not been fulfilled as yet, and I am not able to urge this point very strongly as long as we have not a single, living-room to spare. The post of a medical assistant superintendent should by all means be created, for no well-regulated institution should be without one. In spite of our poor accommodations for clinical lectures, I have managed to give satisfaction to three of our Medical Schools. One of the clinics was conducted by the college professor and myself conjointly, while the other two were left in my hands. If more colleges should apply for clinics next fall, I propose to hold clinics three times a week and have the classes divided in groups. This is as much as we should do with the peculiar clinical material we deal with. The purely scientific work at our institution is still in an embryonic state; I hope you may succeed in giving us a City pathologist, a post not secondary in importance to that of the City chemist or Bacteriologist.

In the tables appearing in the appendix, I have adhered to von Krafft-Ebing's system of classification. I may be again allowed to call your attention to some salient features.

The institution harbored at the beginning of the municipal year 400 patients, 232 men and 168 women; 288 patients, 127 men and 161 women, found admission during the year, from which are to be deducted 4 readmissions, thus making the total of the new admissions 284. The whole number of patients treated in the course of the year was 684; on March 31st, 1897, there remained 481; 267 men and 214 women, including nine patients out on probation. Of the latter one left unimproved, one but slightly improved, four very much improved, and three practically recovered. The daily average number present at the institution was 445 337/365, 251 100/365 men, and 194 237/365 women (Table No. 1).

In Table No. 2 I point to the following predominant forms of mental derangement.

Of the psychoses we had: Mania, 76; Melancholia, 17; Stupor, 12; Vesania, 12. The quota in maniacal cases was very considerable; they are as a rule welcome guests on account of the favorable prognosis that attaches to them; but this class of patients suffers more than any other from the congested condition of the institution; this is also true of the 10 cases of Cerebrasthenia whose improvement is so dependent upon agreeable surroundings.

The additions to our permanent population consisted in 8 cases of Epilepsy, 39 of Secondary Dementia, 33 of Imbecility and Idiocy, a total of 80 cases out of 284 admissions. Every one of these cases is unfit for hospital treatment, and should never pass the threshold of a hospital for the acute insane.

Of Dementia Paralytica there were 26 cases, 23 men and 3 women; Table 18 gives some data as to the etiology in these cases, while Table 19 gives the duration of the disease in the 26 patients who died during the year. The average duration of the disease for the total number of cases for the past two years (13 and 26) was about 15$\frac{1}{6}$ months. I will also state that but one case has given evidence of a micromania, while all the rest were characterized by expansive delusions.

An appendix to Table No. 2 shows the diagnosis of the 23 cases which appeared last year as not ascertained; of these, 6 will have to remain not ascertainable as the patients left before a diagnosis could be made.

Table No. 3 and 4 show the discharges of patients for the year. Without having given any evidence of improvement 33 patients, 16 men and 17 women, left us. Most of these were taken by relatives who thought they could do better by them. A case of mania simplex, a young girl, aged 18, was taken home by her parents although she and myself protested against it; she died not long afterward of maniacal exhaustion: while at the Asylum she began to improve slightly. One patient, a chronic alcoholic, with stigmata of dementia, left us under promise given by his sister, that he would be taken out of town. He had very marked delusions of persecution and an uncontrollable temper. He never left town but is engaged in business, while I receive a threatening letter every few weeks, letters that bespeak clearly the abnormal cerebration of the man. I remonstrated with the authorities, as we know what a menace to the community such people are; I was met with the almost ludicrous excuse: "Nothing can be done until he commits some illegal act."

Would the Health authorities delay the removal of a smallpox patient to the pesthouse until he had infected some one? A woman, a case of litiginous paranoia, commonly known as a "Court Crank," had succeeded in interesting in her behalf a recent acquaintance, also a former patient at the Asylum. An attorney was found, who was only too willing to listen to the tale of woe, and through his efforts the patient was released. She is now enjoying her liberty worrying herself and everyone else; while with us she grew fleshy, was contented and in good spirits; and derived a great deal of pleasure from advising with bona fide or bogus grand juries and attorneys; even a boy in knee pants was appealed to because "he might happen to be the son of a grand-juror." The interference of a disinterested person in behalf of our charges is a product of that ever-present fear of criminal collusion in depriving a citizen of his or her liberty for some ulterior object. This fear is widespread and is shared by people of all classes and climes. I was told only recently by an intelligent newspaper man that he always had a desire to go through this asylum and sift the wheat from the chaff, in other words to learn how many cases are detained here without cause. This is the prototype of the flash-light diagnostician par excellence, — not a rara avis in the ranks of the laity; what we attempt after years of study and weeks of observation, he is willing to solve at a glance without any other preliminaries except the having read a book or two on Human Psychology. There is one class of patients that is apt to give us more trouble than any other, I mean those suffering with dementia paralytica at its incipiency, the period of what may properly be called "vasomotor-storms," or during one of the remissions. We all know how beautifully these storms are allayed after the rest and peacefulness of an institution have done their work. The most monstrous delusions will entirely clear away like the mist before the sun, and to the unsuspecting layman, is unrolled the picture of a miraculous recovery. The persisting somatic symptoms in conjunction with the course and development of the disease will be conclusive evidence to us that the hand of the disease has been stayed but for a time, only to take up soon again its nefarious work with unrelenting vigor. It is hard to impress upon the mind of the layman the fact of these patients being the most dangerous individuals to have at large; their presence amidst society means often a menace to life, morals or property. I cannot agree with those who claim that the men in charge of such institutions as this one, should not struggle against the release of these patients and others of an equally threatening type. I believe it to be our sacred duty to stand firmly on the ground-work of our science and resist the inroads of ignorance, and by doing so to protect the very same unsuspecting souls against the danger that comes with the release of such a patient. Prophylaxis should be here the battle-cry as in other fields of medical work. Should our protests prove unavailing, then the blood be upon the heads of those who in their wisdom knew no better. I will say here that there is not a single case of commitment from sordid motives on record in this country. To substantiate this, I quote from an able paper of Dr. Carlos F. McDonald, late President of the New York State Commission in Lunacy, published in the Journal of Insanity, July 1896:—

> "The writer, in his official capacity, has examined thousands of cases of alleged illegal detention without finding one in which the allegation was well founded. Moreover, during a period of twenty-six years of professional and official connection with institutions for the insane in the State of New York, not a single authenticated instance of the commitment of a sane person from bad motives has come to his knowledge. And while it may be said that mistakes in the diagnosis of insanity, as in other diseases, occasionally occur, such mistakes are exceedingly rare, as shown by the hospital records, and, when made, are speedily discovered and corrected."

Discharged as improved were 35 patients, 17 men and 18 women. One of these, a cerebrasthenic, has committed suicide since, as I learned from a newspaper report. He was an engineer who had given a great deal of time and thought to evolving a perfect car-fender, and I was told by experts his schemes were not impracticable. The failure of getting on during the hard times must have led to the tragic termination of this life full of promise. From four others I had reports of complete recovery, while the others being nearly all dwellers of this city, must be doing well as they have not been heard from.

As recovered, were discharged 33 patients, 11 men and 22 women. One of these came with a typical attack of acute alcoholism and has returned after quite a long absence, suffering with genuine Mania Simplex. Another patient, Mania Simplex, of a strongly religious tinge, had married a divorcee with her husband still living, thus committing a crime of first magnitude according to the tenets of the Catholic Church. He recovered from the mania but his views on his marital relations remained unchanged. As soon as I convinced myself that these views did not grow upon delusional soil, I discharged him; he is now on the way to Ireland.

In Table No. 9 I give the proportion of recoveries and improvements to the number of patients admitted during the last two years, confining myself to those afflicted with recoverable forms of mental derangement. It is manifestly absurd to compute the rate of recoveries on the total of the cases admitted, when we consider that a great many come to us not for treatment but for safe-keeping; I will but mention: Imbeciles, Idiots, confirmed Epileptics, terminal and paralytic Dements. You will learn from this table that the rate of discharges expressed in percentage was the following: —

Recovered	24 160/260 per cent,
Improved	17 180/260 per cent,
Total	42 80/260 per cent,

which is not up to the ideal but still would be considered a fair showing for a public institution hampered by its overcrowded condition. As "not insane" appear on Table No. 2 four individuals, three men and one woman. They had been in an evident state of nervous excitement which disappeared after a short rest, and not developing any features characteristic of any form of mental derangement, they were discharged. One of these was a girl who was quite anaemic; she left considerably improved physically. In one case, I found that I had to deal with a young man who was given to excesses of all kinds partly because he was a "chip of the old block," *i. e.*, the father had stamped upon his son his individuality. He resented being in an asylum, but this resentment lasted only a few hours; he soon admitted that he never imagined that such comforts as a piano, billiard and card tables were a part of such institutions. He realized that a short stay would benefit his rebellious nervous system. The second man was addicted to the morphine habit which shattered to some extent his constitution, but he did not give any evidence of an actual brain affection. The third was a colored man who had been for a time subject to nervous excitement; he calmed down and left us. All four parted with the promise to seek our aid without hesitation, if they should feel the need for treatment at any future time. This does not look like "horrible incarceration," does it now? Give us the name "Sanitarium," and the rest of the objections would forever disappear. We have recorded one elopement. It was a male patient, an imbecile of rather low grade, but of sufficient intelligence to escape the vigilance of the attendants while the patients were getting ready for their daily exercise. He was under a fifty years' sentence for murder, which circumstance gave the elopement some notoriety, and led to some strictures directed against my giving "criminals under sentence" the freedom of the grounds. I met these strictures in a letter to you in the following manner:—

> "S. was not given the freedom of the yard," which is given only to the trusties, of whom we have about 30. He was one of a large crowd of patients who are daily brought out on the lawns to enjoy the blessings of pure air and removal from bars and locks. He was not placed in this Asylum in expiation for his crime, but because a jury had found him not responsible for the same. He was to remain here until cured. Prison methods have never yet contributed to the cure of a mental malady, hence they are to be condemned without hesitation. The modern trend of treatment of diseases of the mind lies in the direction of minimized restraint. The man who has murdered in a fit of insane frenzy, shares the fruits of this system, sanctioned by scientific experience and humantarianism. S. was not like that man; he bore clearly the earmarks of degeneracy, he was an imbecile of a pronounced type — for this very reason he was watched as a rule more closely than others. He was an alien among his fellow-sufferers, and should never have been confined in this Asylum. I recognized this fact at an early date, and urged his removal to the penitentiary, where he could be made to work. S. frequently begged of me to be removed, stating as his reason that at the penitentiary he had the prospect of getting off with a three-fourths sentence, while here it meant a life-time. My appeals to the authorities remained unsuccessful.
>
> "In conclusion I may say that such an occurrence is always to be deplored, but at times it seems unavoidable, for prisoners will escape even from jails and workhouses, where they are constantly within the range of clubs and rifles."

We had a total of 55 deaths, 36 men and 19 women, which, for the 684 patients treated during the year, may be placed at 8 28/684 per cent. We may deduct — as we should — the deaths due to incurable diseases, as follows:—

Status Epilepticus, 4; Dementia Paralytica, 26; Senile Debility, 5; *i. e.*, 35 from the total of 55 cases. The percentage of death rate would appear to have been not quite 3 per cent.

Among the causes of death are conspicuous:—

Dementia Paralytica, 26; Pulmonary Phthisis, 6 cases. One suicide by hanging occurred, and severe punishment was visited upon the attendant whose negligence was plainly responsible for the occurrence of this accident.

I transferred to the Insane Department of the Poor House 46 patients, 9 men and 37 women; these were either imbeciles of low grade and idiots, or advanced dements of a non-progressive type.

In Tables 15, 16 and 17, I have attempted to show some of the etiological factors which characterized the cases admitted in the course of the year. Of these I selected: The puerperium, the effect of the tornado, trauma capitis, insolation, syphilis, alcoholism and heredity. I shall refrain from any comment upon these tables until the material gathered shall have reached greatest proportions. I only call your attention to the fact that 9 cases, 4 men and 5 women, developed acute psychoses directly after the occurrence of the tornado on May 27th. It is positively affirmed that in every one of these cases the mental health of the patient was normal, beyond the shadow of a doubt, before the windstorm.

In entering upon that part of my report dealing with improvements and repairs, I take pleasure in acknowledging the generous spirit with which the last Municipal Assembly has met my recommendations. The Chairman of the Council Committee on Ways and Means, Mr. Max Kotany, expressed himself to the effect that the assemblies had been treating the institutions entirely too niggardly, and that the time had come for a change of the policy. This sentiment was concurred in by all members present, and the result of my pleadings would have been even *more* successful had it not been for the tornado, the devastations of which made a heavy inroad into the City's treasury. I am pleased to be able to state that our institution sustained but little damage by the windstorm.

Part of the tin roofing, eight brick chimneys, twelve window panes and the smokestack at the pump house, represent the extent of the damage done. The most serious and irreparable injury fell upon our trees; many of them were stripped and some unrooted, but even here we may be grateful if we look at the sorry picture presented by our beautiful Lafayette Park.

The following improvements were accomplished with the help of our home labor: A fence around a piece of ground abutting the male wing, for an exercise and lounging place for our sick and debilitated, whose costumes and habits preclude their roaming about on the open lawns; a well painted board and wire fence has taken the place of the dilapidated old one on the west side of our grounds, leaving the east side to be fenced this year; a nicely put up wagon shed has been substituted for its ramshackle predecessor; the stable has been put in good repair on the inside and outside, and the chicken yard has been surrounded by a new fence. The coal shed has been enlarged and built almost new; a new machine shop, greenhouse, cement-lined garbage box and rag box are all achievements of home labor. The tunnels in the basement have all been shut off by neat doors, and the basement freshly plastered and painted. By outside labor we have had done the following:—

The roof of the entire main building received a double coat of paint. The heating apparatus was thoroughly overhauled; one fan engine put in good repair; a great portion of our heating pipes and the water boiler have been covered; a new pipe was laid from the pump house to the cistern; an additional pump has been put in the pump house; an old house tank replaced by a new one; the steam heat apparatus of the cottage, and the intermediate pipes have been put in good condition. The cottages are now in a fair state of repair as the flooring has been renewed, the bath-room floor cemented and five heaters put on the west side porch. Three heaters were also put in the main building bath-rooms, and ten in the old closets which are now in service as dormitories. Quite extensive plumbing has put the bath-rooms in the wings in good shape, except for the very defective flushing tanks. The wood-work in the rear building has been painted, the kitchen has been plastered and painted, the ceilings of kitchen and laundry have been covered with corrugated iron; a large exhaust-fan with air-shaft and rotary fans over the ranges have rendered the existence of our kitchen help more bearable. The new ice boxes were made to order, one for our meats, the other for milk; the latter permits the keeping of the milk under water at 32 degrees.

All these improvements have tended to push us along on the path to perfection, but a great deal remains to be done. Before detailing my recommendations for the ensuing fiscal year, I shall incorporate in this report my suggestion submitted to you in a letter dated July 13, 1896: —

"The annual report of the City Lighting Department for the fiscal year ending April 8, 1895, shows the cost of lighting for the three institutions on Arsenal street, to have been respectively, as follows: —

Insane Asylum	$3,407 72
Female Hospital	2,074 54
Poor House	3,140 01
A total of	$8,622 27

Was expended for lighting purposes.

"The contracts for city lighting expire in 1900, and I believe that this is a good opportunity for urging the erection of an electric plant on the Asylum grounds which would supply the three institutions, representing in the aggregate a population of about 2,100 heads, that is a population of a good sized township, with the necessary lighting.

"We may count with certainty that our water pump-house will have outlived its usefulness in another year, as the work on a main pipe supplying the institutions directly, will be commenced shortly. The cost for additional buildings and the plant, consisting chiefly of a large and small dynamo and two corresponding engines, a switchboard and two boilers of 150 h. p. each, has been estimated for me by good authority at $15,000. The utilization in the new plant of our engineering force at present employed at the pump-house, would not necessitate any increase in the force except possibly by one fireman. The reasons which I deem all sufficient for the erection of an electric plant may be summarized as follows:—

"*First.* The cost of lighting will be lowered, and this to such an extent as to pay for the original investment in the course of a few years. We pay now for many lamps which are used only on certain occasions.

"*Second.* The institution would not be thrown in darkness by every hitch in a system so large as to make such hitches comparatively frequent and unavoidable. As we must depend upon a single lighting medium, this point is of incalculable importance to us.

"*Third.* We would receive better service, as the generation of the power would naturally carry in its wake the ability of its proper regulation. A voltimeter, at a cost of $75.00 each, could be supplied to each of the three institutions, and the readings at any time transmitted by telephone to the engineer in charge of the plant. The voltage would unquestionably approach the prescribed standard with greater precision than it does under the present system.

"*Fourth.* We would be able to supply moderate motor power in case it were needed for the running of small machinery as fans in the kitchen, laundry, etc., etc."

This scheme is perfectly feasible and should be acted upon at once, as the plant should be ready for operation on the first of January, 1900.

My suggestions for a new spacious above-ground kitchen should receive due consideration, as the present kitchen is utterly inadequate and unsanitary.

The rule of holding unclaimed bodies for seventy-two hours before disposing of them according to law, would make the erection of a morgue unavoidable, but so long as our neighbor, the Female Hospital, will receive them we may dispense with a morgue of our own.

As a matter of unpleasant routine, I again point to the absence of an elevator and proper fire escapes. If I should fail to mention these defects, some one might actually believe that I never gave a thought to them.

My financial recommendations for the ensuing year are based on the absolute increase of patients treated at the Asylum. The daily average for the past year was 446 while in the previous year it was but 380.

They are as follows: —

A. GENERAL APPROPRIATIONS.

I. *Salaries*..$34,000 00

This figure is computed closely in accordance with the salary list of the past year, not counting on the fluctuations in the help, which at times decrease materially the expenditure on this account.

II. *Groceries*..$39,000 00

This amount has been increased in consideration of the actual increase in the number of patients. This increase means also a swelling in the number of sick patients whose diet consists of articles that are not of the cheapest.

III. Drugs..$ 1,500 00

IV. Dry Goods	8,000 00

On this account we must get the following articles:—

(a.) Four new food trucks	$ 100 00
(b.) Double range	175 00
(c.) Piano for the convalescent ward	300 00
(d.) Two large kettles	100 00

V. *Forage*	$ 1,500 00
Labor	3,000 00

On this account I foresee:—

(a.) Repair of Chief Engineer's residence	39 00
(b.) Repairs to downspout sewer-pipe west wing	28 00
(c.) Repair to sewer pipe under Arsenal street leading from drive-way gutters (estimate not obtainable).	
(d.) A shed for the soap grease, marketable rags and mortar	$70 00
(e.) New stairs at rear of main building entrance	80 00

VII. *Entertainment Fund*	400 00

This item appears in line with last year's appropriation for the same purpose.

VIII. I also recommend that the following sum be specially appropriated to cover the bill of the Water Department for the work done at the pump-house and for furnishing a second-hand, duplex water-pump	$337 36

B. SPECIAL APPROPRIATIONS.

1. Painting of the interior (walls, ceilings and wood-work). Cost, $4,300.00.

This is essential for the sake of cleanliness, sanitation and preservation. The interior of the building has not seen any fresh paint since 1889.

2. A wrought-iron fence fronting Arsenal street, 1496 feet long, 63″ high (60″ net) to set in ground on iron foundation; ½″ round iron pickets with spearheads set in 3—1¼″ x ½″ channel iron cross bars; line posts of 1¼″ x ½″ iron 7′ 4″ apart; including a double-drive gate and one walk-gate. Cost, $1,500.00.

This iron fence could be built on the building line, and we would remove the old, crumbling stone-wall entirely. This would render the management of many cases less complicated.

3. Repair of wire fence on east side of grounds. Cost, $500.00.

4. Covering the defective ceilings with corrugated steel. Cost, $400.00.

5. Three washing machines in laundry require bearing, rebabbitting, and pulleys bushed. Cost, $150.00.

6. The following plumbing work:—
(a) Eight sinks in male and female pantries, with new traps and ventilating pipes, $110.00.
(b) Fourteen flushing tanks connected to patients' water-closets and urinals, lead lined, $470.00.
(c) New trap under washstand at cottage, $15.00.
(d) Repair of water-closets outside of infirmary, $25.00.
(e) Four slate washtrays in kitchen, one slate sink for rear building dining-room, $240.00. Total cost, $860.00.

7. The old and utterly useless vegetable cellar put in serviceable condition. Cost, $300.00.

Our potatoes sprout while waiting to be consumed and other vegetables rot in the basement.

8. An open pavilion, 30′ x 70′ on the west side hill with tarpaulin curtains, painted and covered with tar-roofing (home labor). Cost, $600.00.

Whenever the skies grow cloudy and the first raindrops fall, our patients are hurried away from the grounds, and thus are deprived for days, of the most essential health-giving element, fresh air.

The proposed pavilion would make us independent of the weather, and is in line with the medical treatment of the patients.

9. Covering of following steam pipes:—

(a) In main building, 16 — 1″, 185 ft.—1¼″, 80 ft.—1½″, 404 ft.—2″, 75 ft.—2½″, 393 ft.—3″, 30 ft.—4″, 8 ft.—5″.

(b) In Boiler-room, 35 ft.—2″, 25 ft.—4″, 27 ft.—6″, 16 ft.—8″. Cost, $200.00.

(c) To and at Cottages, 107 ft.—¾″, 48 ft.—1″, 217 ft.—1¼″. Cost, $100.00. Total cost, $300.00.

The saving in heat radiation, hence in the amount of fuel, makes this item one of the utmost importance from an economical point of view.

10. One duplex boiler feed water pump. Cost, $175.00.

Our reserve pump is entirely too small, and if our working pump should break down, we would have nothing to replace it with.

11. Two or three watertube boilers, complete set up. Cost, $8,000.00 to $10,000.00.

I refer to the boiler inspector, who has repeatedly condemned our boilers as unsafe and insufficient.

12. Should the appropriation for the new boilers not be granted, I recommend that,

(a) The boiler furnaces be relined. Cost, about $400.00

(b) The boiler stack breeching be reset. Cost, about $50.00. Total cost, about $450.00

13. One 3-inch suction pipe from hot well to pump. Cost, $75.00.

14. A water filtering apparatus. Cost, about $1,000.00.

The need of a filter for institutions of any kind is so self-evident that I do not see any necessity to enlarge upon this subject.

I hope sincerely that our Municipal Assembly will treat us again in the same generous spirit as its predecessor has done. I can assure its members that every item has been maturely considered, and there is not a single one submitted for their approval, that is not essential to the welfare of this institution or that could be branded as extravagant.

Before closing the report, I may be allowed to call your attention to our financial statement as it appears in Table No. 24.

The gross cost of maintenance per capita is $207.64, which is (notwithstanding the unusual amount expended for extraordinary repairs and alterations) $9.84 less per patient than last year. The average per capita gross cost of maintenance is somewhat less than 57 cents against 59½ cents last year. These figures are gratifying as showing that we have observed the usual economy.

I thank you warmly for the support you have given me during the past year, and will add that the two years of my work have been rendered particularly pleasant by the friendly nature of our mutual relations. I also thank every one who has directly or indirectly assisted me in my labors directed toward discharging the sacred trust committed to me.

Respectfully submitted,

EDWARD C. RUNGE,
Superintendent.

To the Health Commissioner.

(For statistical tables, see part second.)

VIII.

FEMALE HOSPITAL.

Staff and Employees.

H. S. CROSSEN, M. D..............................Superintendent.
Louis J. Oatman, M. D..............................Assistant Superintendent.

Junior Assistant Physicians.

Geo. F. Chopin, M. D.,
Wm. A. Brokaw, M. D.,
J. G. Calhoun, M. D.,
Phil. Von Phul, M. D.,
Chas. L. Oatman, M. D.

Chief Clerk.

Fred W. Bredemeyer.

Druggist.

John A. Heckelman.

Engineers.

J. D. Watkins, Chief.
Henry Wagner, Assistant.

Cooks.

John Roles, Chief,
Julia Hart, Assistant.

Superintendent of Nurses and Matron.

Lydia C. Brown.

Day Nurses.

Annie Cahill,
Maggie McLaughlin,
Gertie Cheney,
Kate McDermot,
Maggie A. Fay,
Sarah Jordan.

Night Nurses.

Annie Crump,
Belle Brown,
Otillie Langner,
Eliza Turpin.

Assistant Nurses.

A. K. Ward,
Alice Fleming,
J. Lawrence,
Lenora Kaelin,
Annie Maurer,
Mary Powers,
Mary Walters,
Sallie C. Woodruff.

Miscellaneous.

Aug. Frankenstein, Carpenter.
H. C. Watkins, Store-keeper.
Minnie A. Laurensen, Seamstress.
Wm. F. Dependahl, Plasterer.
Robt. Rutherford, Night-watchman.
Frank Fink, Fireman.
Aug. Wendt, Gardener.

Laundresses.

Maggie McNally, Chief,
Margaret Halloran, Assistant,
Johanna Riordan, Assistant,
Mary Daily, Assistant,
Annie Ladd, Assistant.

First-class Help — Male.

Matthew King.

First-class Help — Female.

Mollie Hannigan, Julia Eagan, Mary Riley, Rose Denny.

Second-class Help — Male.

Albert J. Jahnsen.

Second-class Help — Female.

Lizzie Coleman, Mary Hart.

Third class Help — Male.

Geo. Monken, John Juelich. H. M. Byron.

	Appropriations.	Balances.	Overdrawn.
For salaries	$19,325 00	$3 17	
" Groceries	18,000 00		$824 57
" Drugs	3,200 00	9 98	
" Dry Goods	2,975 00		76 93
" Forage	1,400 00	48 89	
" Labor	2,500 00	70	
Repair of heating apparatus and radiators	500 00	5 44	
Window Guards	100 00	18 00	
Furnishing New Lying-in Buildings	1,500 00	15 41	
Repair of Buildings damaged by Cyclone.	337 50		

ANNUAL STATEMENT.

Sir: — I have the honor of presenting herewith the annual report of the Female Hospital for the year ending March 31st, 1897, the same being the twenty-first annual report of this institution.

The number of patients admitted during the year was 2,452 and the number remaining in the hospital April 1st, 1896, was 181, making a total of 2,633 registered patients cared for. The number of births was 303. Eleven of these were stillbirths. Among the patients delivered in the hospital the mortality from puerperal infection was nil.

Further detail regarding the patients and their diseases, ages, occupations, nativity, the births, deaths, discharges and other items of interest will be found in the accompanying tables.

It has been my earnest endeavor during the past year to still further increase the efficiency of the hospital service by completing, as far as possible, the improvement inaugurated during my first year and by introducing such helpful innovations as circumstances would allow. I have now on each floor a small room provided with table, instruments and other articles necessary for examination and treatment. This arrangement is much more convenient, both for physicians and patients, than the previous one.

Further changes have been made as follows:—

1. Nearly all the interior of the hospital building, except the halls, has been repainted — walls, ceilings, floors, beds and radiators. In all the rooms a large amount of repairing of plastering was necessary.

There has been, also, considerable other painting done.

2. The heating apparatus has been extensively repaired — almost all the old radiators being replaced by new ones and a large amount of new piping put in.
3. A three-inch water main has been put in, in place of the old smaller pipe.

4. Guards, in the form of bars, have been placed across the windows of the wards on the upper floors.
5. The elevator has been thoroughly repaired — the repairs amounting to more than four hundred dollars.
6. A granitoid floor has been constructed in the engine house.
7. Two fire plugs have been placed in the hospital yard on the water main running east of the main building.
8. The new Lying-in building has been constructed, furnished and an elevator in the same provided for.

Two improvements that are very much needed and that I requested and urged last year have not been granted. One of these is a frame building for female employees, and the other is the painting of the outside of the hospital building. I wish again to urge that these items be favorably considered, and that the necessary appropriations for the same be secured.

The following necessary improvements and repairs should be made at once:—

1. Two-story frame building for nurses and other female employees. Approximate cost	$4,800 00
2. Additions and alterations in the assistant physicians quarters. Approximate cost	600 00
3. Plastering and cementing basement walls. Approximate cost	400 00
4. Lowering large tank for return water from heating system. Approximate cost	200 00
5. New range for employees' kitchen. Approximate cost.	235 00
6. Painting outside of hospital building. Approximate cost	1,200 00
7. Repairing roof, gutters and down spouting. Approximate cost	175 00
8. Repairing lightning rods. Approximate cost	250 00
9. Large filter for all water entering hospital. Approximate cost	700 00

1. **Frame Building for Female Employees.**— Quarters of some kind must be provided for the nurses, cooks, laundresses and other female employees. At present they are packed in small rooms scattered about through the main hospital building and the accommodations for them are very, very poor. Having no suitable accommodations it is very hard to get trained nurses to remain on the salary provided by ordinance. All the female employees work hard, and they should have suitable rooms in which to sleep and rest.

Then again, all last summer and all the past winter, I have had patients sleeping in the halls on folding canvas cots because there was not room for them in the wards. Furthermore, it has been impossible to properly isolate patients with contagious diseases when two or three were here at the same time. Frequently it has been necessary to keep patients that should have been isolated in a general ward with other patients. This is improper and dangerous but I was forced to do it, having no separate rooms available. The new lying-in wards, while they provide admirably for the patients actually lying-in, do not provide for the waiting patients, and consequently give but little additional room in the main building. The nurses, laundresses, cooks, etc., sleep in the main building, in rooms that should be wards for patients.

Eleven small rooms are thus occupied. You see at once that it would be a great advantage if these employees could be moved into a separate building and their rooms used for the accommodation of patients.

A two-story frame building that will comfortably accommodate them will cost, according to the estimate of the Building Commissioner, $4,800.00. This includes the heating apparatus.

2. **Additions to Assistant Physician's Cottage.**— Additions and alterations in this building have been very much needed for some time, but I have not urged them hitherto on account of other more pressing repairs. The " Cottage " will comfortably accommodate three persons. There are six assistant physicians, and in addition, the clerk, assistant clerk and druggist take their meals there. Four of the assistant physicians have been staying in the cottage, and the other two in a small room partitioned off from the hospital office. The latter place is not at all suitable for the purpose, being dark, noisy and poorly ventilated, but it was the only space available. The alterations required will cost about $600.00. The cottage will then accommodate the six physicians, will have a dining room of convenient size, and will have a suitable bath room and water closet.

3. **Plastering and Cementing Basement Walls.**— The kitchens, laundry, baggage-room, reception room for patients, and three store-rooms are located in the basement. The walls are of rough stone. They should all be plastered and then they can be painted and made to look like the walls of an ordinary room. A small amount of the wall area has been plastered, but it is estimated that the amount above specified will be required to complete the work. Part of the outside walls will have to be cemented as they are below the surface level and are damp most of the time.

4. **Lowering Large Hot Water Tank.**— The large tank for the return water from the heating system is too high for the radiators in the first floor of the new Lying-in wards. It did very well for the main building because the first floor there is high on account of the basement. But when the lying-in wards were attached to the same heating system, water stood in the radiators and supply pipe. The steam traps were repaired temporarily to last till warm weather. But the proper procedure is to lower the tank and prevent further trouble. There is a boiler feed pump already connected with the tank.

5. **New Range for Employees Kitchen.**— The range used at present is entirely too small and is worn out. On attempting to repair it, it was found that it could not be repaired with profit because so badly worn. Consequently, a few temporary repairs were made to make the range last until a new one could be procured.

6. **Painting Outside of Hospital Building.**— This includes pointing up the brick walls, staining and penciling the bricks, and painting the trimmings, spouting, porches, etc. It needs but a glance at the building to show the need of this. The form of the building is not bad, but the old faded walls, with streaks of new plaster extending irregularly in various directions, give a very unsightly appearance to the whole structure.

7. **Repairing Roof, Gutters and Downspouting.**—The roof over Div. 5 leaks, the gutters about the entire building are very largely broken at the joints, allowing the water to flow into the cornice, and much of the downspouting is worn out or broken, permitting the water to damage the walls.

8. **Repairing Lightning Rods.**—The lightning rods are about all blown down. The building is on high ground, and should be properly protected in this respect. Extensive repairs will be necessary.

9. **Large Filter.**—The water entering the building should be filtered. Every one acquainted with our water, especially in the spring and fall, will readily appreciate the need of a filter. In a hospital especially the water should be clear and good instead of muddy.

The amounts asked for under the various divisions of the general appropriation are absolutely necessary for the proper conduct of the hospital.

The increase in salaries is caused as follows:—

Regular pay-roll at present	$19,099 20
Nurse for operating room at $25.00 per month	300 00
One assistant nurse for Div. 1 at $20.00 per month	240 00
Two assistant nurses for new lying-in building	480 00
First assistant physician (Asst. Superintendent) at $75.00 per month.	900 00
One first-class male help (painter and plasterer at $35.00 per month).	420 00
Total	$21,439 20

There should be one nurse to devote her whole time to the work of the operating-room, preparing the room, instruments, sutures and everything for operations, preparing the dressings, bandages, etc., for the whole hospital, and taking care of the serious cases immediately after operation. At present the nurse who works in the operating-room has so much other work, that she cannot give to the former the attention which it demands.

There are so many helpless bed patients in Div. 1, that another assistant nurse must be placed there.

Two additional nurses are required for the new lying-in building.

The fact that the Superintendent of the hospital should have at least one assistant physician who has had one year's hospital experience, was recognized by the Municipal Assembly, and the office was created.

The ordinance designates the assistant physician so appointed "Assistant Superintendent" and fixes his salary at $75.00 per month.

There is so much painting, plastering, whitewashing, etc., that the regular painter cannot do it alone. For some time past, I have had a man who understands painting and plastering, working with the regular painter, as first-class male help. During the summer and winter just passed, I have had nearly all the interior of the hospital, except the halls, painted. The walls and ceilings were in such bad condition that it took a great deal of replastering to get them ready for the paint. It will be greatly to the advantage of the hospital to retain this extra man until the whole interior of the building is put in proper shape, and the large amount of needed painting to outside buildings at least partially accomplished.

As I remarked above, the amounts asked for under the various divisions are absolutely necessary to accomplish the large amount of work devolving upon this institution in the way it should be accomplished. I wish here to enter a respectful protest against "cutting" the appropriation. I have made no allowance for a reduction in the estimate. Every dollar asked for is needed.

In concluding this report, I consider it my duty, and a pleasant one, to thank you most sincerely for the cordial, vigorous support you have given me at all times.

The officers and employees of the hospital have, as a rule, discharged their duties with care and painstaking interest. Only those practically familiar with such work can realize how much depends upon the care and intelligence of the various persons employed. I wish to thank those who have so faithfully supported me in the year's work.

My special thanks are due to Mrs. Lydia C. Brown, Matron and Superintendent of Nurses, and to Mr. F. W. Bredemeyer, Chief Clerk, for their very efficient service in their respective departments.

Respectfully submitted,

H. S. CROSSEN, M. D.,
Superintendent.

To the Health Commissioner.

(For statistical tables, see part second.)

IX.

POOR HOUSE.

Staff and Employees.

JOSEPH L. OVERBECK	Superintendent.
Joseph L. Meredith, M. D	Assistant Physician.
Max R. Horwitz, M. D	Assistant Physician.
J. G. Parrish, Jr., M. D	Assistant Physician.

Chief Clerk.

Lawrence Moskop, Jr.

Matron.

Annie V. Overbeck.

Engineers.

Ben Wagner, Chief.
John Widmer, Assistant.

Cooks.

Wm. Burgess, Chief.
Jos. J. Larkin, Assistant.
Wm. Conklin, Assistant.
Albert J. Sands, Store-keeper.
Wm. Gross, Whitener.
Samuel Teets, Assistant.
Catherine McAndrews, Assistant.
Anton Fette, Carpenter.
Albert Smets, fireman.
John Devine, Fireman.

Supervisors.

Geo. F. Decker,
Janet Wilson.

Head Attendants — Male.

Arthur Berliner,
G. A. Mueller.
Wm. A Buckley.

Head Attendants — Female.

Kate Meegan,
Mary Callaghan,
Jennie Kay,
Dora Comerford,
Mollie O'Rourke,
Nettie Brown,
Lizzie Phillips.

Night Watch — Male.

J. G. Blanchard (Outside),
John Farrington,
Herbert S. Truax.
Otto H. Rotenhagen,
Oscar Miller,

Night Watch — Female.

Mary Otterson,
Ruth Fleetwood,
Prudence J. Reissing,
Mary O. Graham,
Ida Krenning,
Mary S. Stannard.

Attendants — Male.

Thos. Coleman,
Chas. Steck,
Thomas Turner,
Chas. Frey,
C. K. Dyer,
L. P. Whittaker,
Hugo Gerber,
Fred Wendt,
Geo. C. Sloan.
Geo. W. Gannaway.
J. M. Nichols,
Christ Tenting,
Henry Huelsman

Attendants — Female.

Sarah Boyle,
Martha Dennis,
Letitia Lockhart,
Sarah Doran,
Julia Cronin,
Pauline Maltitz,
Pauline Goetz,
Louise Beckham,
Theresa Seeger,
M. J. Junkin,
Josephine Sheehan,
Minnie Kussman,
Ada Kennel,
Florence Childress,
Nannie Clopton.
Cora Buffington,
Kate Green,
Mary Quigley,
Mamie Wedler,
Theresa Beile,
Rhoda Moslander,
Lizzie Kerr,

Laundresses.

Mary Finan, Chief.
Adelphia Angell, Assistant.
Emma Meyers, Assistant.
Mima Kelly, Assistant,
Jane Dower, Assistant.

First-class Help — Male.

Robt. L. Dusing,
Joseph Jordan,
Chas. Schoenfeld,
Frank Angermeyer.

First-class Help — Female.

Clara Greenwald,
Christine Clapp,
Kate McHale,
Lela Milliken.

Second-class Help — Male.

Luther Reno.

Second-class Help — Female.

Mary Dwyer,
Jennie Childress,
Micha Winchester,
Kate Beile.
Sarah Nicholson,

Third-class Help — Male.

J. E. Morrissey.

Fourth-class Help — Male.

M. Freeberthyser.

Extra Help — Male.

John Skally.

Bakery.

Wm. Huber, Head Baker.
Peter Rickert, Assistant. Jacob Schadt, Assistant. John Heaney, Asssistant.
Bryan O'Connell, Assistant. Adam Schoenberg, First-class Help.

Dairy.

Noah Weaver, Head Dairyman.
Peter Kratz, Assistant.

ANNUAL STATEMENT.

SIR:— I have the honor to submit the twentieth annual report of the St. Louis Poor House for the year ending March 31st, 1897.

The first day of April, 1896, there were in the Pauper Department, 593 inmates; 395 males and 198 females.

During the year 443 were admitted, 337 males and 106 females, the whole number cared for being 1,036; 732 males and 304 females. During the year 283 were discharged, 197 males and 86 females; 9 were transferred to the Insane

Asylum, 5 males and 4 females; 85 died, 57 males and 28 females; number remaining March 31st, 1897, 659; 473 males and 186 females. Average number present, 602: 425 males and 177 females.

In the Insane Department there were 753 inmates, 312 males and 441 females; 46 were admitted during the year, 9 males and 37 females; the whole number treated being 799: 321 males and 478 females. One female was discharged improved; 13 were discharged unimproved, 6 males and 7 females. One male was transferred to the Insane Asylum; 34 died, 18 males and 16 females. The number remaining March 31st, 1897, was 750, 296 males and 454 females; average number present, 761: 311 males and 450 females.

The past year has been an eventful one with us, for with the crowded condition of the institution, produced by the cyclone and hard times, we have had considerable trouble getting along, but I am pleased to say that with all, the institution is in better condition to-day than it has been for some time.

Since my last report, the leakage of the guttering on the main building, the plastering and plumbing in same have all been thoroughly repaired, and all other buildings are in good condition, with the exception of the Pauper Hospital and Female Pauper quarters, which will no doubt be placed in first-class condition in the near future.

I wish to reiterate the recommendation of my last report about the building of a new bakery, as this is a very profitable concern and should receive prompt attention; I also wish to urge the necessity of erecting two new boilers; this matter should not be delayed a moment, as I am positive that we will not be able to get along without them another winter.

In regard to the Dairy, I wish to renew my recommendations of last year; the Dairy has been put in first-class condition and if the necessary cows are procured, I am satisfied that milk can be produced at less than ten cents per gallon.

I again wish to call your attention to the front steps of the main building, which are a disgrace to the city and institution, as well as dangerous, and hope you will urge the passage of a special appropriation for the erection of new steps.

Yours very respectfully,

J. L. OBERBECK,
Superintendent.

To the Health Commissioner.

(For statistical tables, see part second.)

X.

QUARANTINE AND SMALLPOX HOSPITAL.

Staff and Employees.

M. C. Woodruff, M. D. .... Superintendent.
Ida Woodruff .... Matron.
Frank Umberheim, Carpenter. Henry Hilkey, Fireman.
Sadie Hay .... First-class Help — Female.
Fred Lay .... Second-class Help — Male.
Julius Hill .... Second-class Help — Male.
Louise Larson .... Laundress.
Lizzie Haley .... Assistant Cook.

	Appropriations.	Balances.	Overdrawn.
For Salaries	$600,000 00	$1,279 23	
" Groceries	4,000 00	56 63	
" Labor	300 00	12	

ANNUAL STATEMENT.

Sir:— I have the honor to submit my second annual report of this institution for the fiscal year of 1896 and 1897.

There were remaining at the close of the last fiscal year, three patients, and there were admitted during the year two patients, making but five patients treated in the institution for the year, with no deaths.

We have at present three wards for patients with a capacity of sixty beds. While this was enough and more for the year just closed, there are times when this number would not near do.

Two of the wards are the old frame, germ soaked structures, that nothing short of burning would purify. They are similar in every respect to the ones that were condemned and destroyed by the Hon. Health Commissioner last year. If they at the time of their destruction were unfit for use, and we know that to be a fact, it would be nothing short of criminal carelessness to expose a patient to the septic influences of the two remaining.

It is therefore imperative that they be replaced during a time when there are no patients in the institution. And as we must have four wards to separate the sex and races, I would respectfully ask again that the sum of ten thousand dollars ($10,000.00) be appropriated for that purpose. This amount would be sufficient to build three wards, upon modern and sanitary principles, and allow the destruction of the two old ones.

The question of transportation of patients to our institution in a most important one. The river holds forth the cheapest, most agreeable and acceptable means, if it were not a fact that our epidemics occur during the winter months when the river is blocked, or is impassable on account of the ice floe. The transportation by steam railroad or electric railroad is entirely too expensive (if possible) to be thought of, so we are at last compelled to go back to and depend upon the ambulance service, which with everything under the most favorable circumstances is a long, tiresome and exhausting trip for a sick person.

Where the conditions are not favorable and those conditions are controlled by our City, it is inhuman, unfeeling and a disgrace to our City. The road over which ambulances must travel to get to our institution is good until the Government Reservation is reached; from there on it is a hollow mockery of a road, full of pit-falls and dangerous to man and beast.

This is due to the fact that the road is used almost exclusively by us, and the City is looked to for its maintenance.

There is a history of three accidents to ambulances and patients while en route here. One drove into a sink hole, another went into the creek, and only winter before last, one turned over. Just think of the agony of a poor suffering patient under such circumstances.

There are about one and one-half miles of the road to make, which could be built for four thousand dollars ($4,000.00). This amount would insure the patient's safety while on the road, and some degree of comfort.

I would likewise suggest that an attendant be sent with the patient; one competent to judge of the patient's condition, and able to administer medicinal agents if necessary. I have come to the conclusion after due consideration and observation extending over some five or six years with smallpox patients, that the main cause of death is paralysis of the heart, due to the absorption of poison from this pestilential disease.

If this is a fact and there is no authority to deny it that I know of, the necessity of an accompanying physician must present itself to the most superficial observer. More especially so, when they know that the trip consumes, under the most favorable circumstances, from two and one-half to three hours.

The mere fact that a physician is present, is encouraging in itself to the patient, and this is a matter of no small importance, where a sick person is packed into a close-covered wagon with little or no explanation as to his destination, being driven, as he or she thinks, to their tomb.

Is it any wonder that patients reach us dead or in an exhausted and dying condition, caused mainly from anxiety, suspense or fright?

Only winter before last three deaths occurred in the ambulance, that might have been averted had the patients been accompanied by an able attendant.

I have seen no later than a year ago, a patient brought to this institution in what was at one time an ambulance; but from the appearance it presented at the time referred to, it had evidently been used as a chicken roost, so full of chicken dirt was it. In this so-called ambulance there was not even a pillow, not a blanket, in fact nothing, not even a seat, unless the patient chose the floor; fortunately the patient was not very sick at the time, so he managed to balance himself on the end gate of the wagon for fifteen miles.

Such treatment as this to a human being is barbarous, and a lasting disgrace to our City. In most cities of any importance they have an infectious disease ambulance built and used for no other purpose. To my knowledge we have never boasted of any such luxury; again, the impression seems to prevail that if the person had smallpox, it made no difference what other form of infection they were exposed to. All these things combined swell our mortality, and if we pride ourselves on its reduction, we must remedy them.

I would again call your attention to the inadequate condition of our laundry, when patients clothes are to be handled.

In conclusion permit me to thank you, sir, and the other members of the Honorable Board of Health for the many courtesies extended me during the year.

Very respectfully,

M. C. WOODRUFF, M. D.,
Superintendent.

To the Health Commissioner.

REPORT ON THE POOR HOUSE.

To the Honorable Municipal Assembly of the City of St. Louis:

GENTLEMEN—In pursuance with provisions of Rev. Ord. 1893, section 483, which provides that the Health Commissioner shall report annually to the Municipal Assembly on the management of the Poor House, I have the honor to submit herewith my report for the Municipal year ending March 31, 1897:—

Pauper Department.—There were confined in this division of the Poor House at the beginning of the year 593 inmates, of which 395 were males and 198 females. The number admitted during the year was 443, of which 337 were males and 106 females. There remained at the end of the year 659, 473 males and 186 females. Nine of the 377 discharged during the year were transferred to the Insane Asylum and 85 died. The daily average number treated for the entire year was 602.

Insane Department.—This department housed 753 insane at the beginning of the year, of which 312 were males and 441 females; 46 patients were received by transfer from the Insane Asylum, 9 males and 37 females. One female patient was discharged as improved; 13 as unimproved: 6 males and 7 females. One male patient was returned to the Insane Asylum and 34 died, 18 males and 16 females. The daily average number treated during the year was 761.

Statement of Expenses.— The following table shows the expenses incurred by the institution during the year, which embodies not only the cost of feeding and clothing the inmates, but also the cost of repairs and improvements to buildings, grounds, steam heating apparatus, etc., etc.

Considering an increase of 78 patients in the daily average number treated, the expenditures compare very favorably with any previous year, and it will be seen that they have been reduced to the minimum for an institution of this size.

The per capita cost of keeping each inmate for one day was only $0.2475, while the cost after deducting credits was $0.2307.

RECEIPTS AND EXPENDITURES.

Appropriations	$123,018 75	
Less amount of unpaid bills last fiscal year	343 75	$122,675 00
Salaries of Superintendent and employees	$ 34,965 59	
Bread	9,518 33	
Meat and fish	17,262 48	
Groceries	24,755 56	
Chickens	57 60	
Milk	3,475 73	
Fuel	9,733 48	
Ice	2,666 87	
Drugs, instruments and supplies	1,293 40	
Dry goods, clothing and bedding	9,256 66	
House furnishing goods and furniture	6,385 55	
Forage and bedding for horses	13 65	
Repairing vehicles and harness, shoeing horses	138 08	
Printing and stationery, including postage	405 11	
Oils, packing, waste and tools used by engineer	370 57	
Lumber and material used for coffins	10 00	
Car tickets	25 00	
Rent telephone	5 00	
Labor and materials for repairing fences and maintaining grounds	340 56	
Labor and materials for repairing buildings, including steam heating apparatus, etc	3,577 30	124,280 08
Overdrawn		1,605 08
		$122,675 00

It is not always fair to make yearly comparisons, for the reason that emergencies arise which call for an increased expenditure in the way of additional cots, mattresses, repairs to buildings, replacing of worn-out household effects, and many things which are necessary adjuncts to a well-equipped institution and yet are not required each year.

Owing to the destruction of two of the pauper buildings by the cyclone, and the increase in the number of patients cared for, it became necessary to provide quarters for this class of dependents and accordingly a temporary frame structure 450 ft. long by 40 ft. wide and accommodating about 265 people, on the "barracks" plan was built. It has served its purpose very well, but should not be looked upon as a permanent building.

While on this subject it might be well to repeat the recommendation made in my last year's report, that the paupers be separated from the insane patients and provided for elsewhere. This change could be accomplished at a very little expense to the City and thereby make room at the Poor House for the constantly increasing number of chronic insane transferred from the asylum. The name "Poor House" (which is now a misnomer, as the chronic insane far exceed the paupers) should be eliminated and a more appropriate one substituted.

Dairy. — Last year the State Veterinarian inspected the cows at the Poor House Dairy, and, after a thoroughly scientific test, found that they were affected with tuberculosis. The cows were quarantined and are still in quarantine. Since then the fact has been shown that his opinion was correct and a number of the cows died from general tuberculosis, or consumption. We have had a number of post-mortem examinations made, which verified the diagnosis. It is not safe to use the milk.

I believe a dairy at the Poor House could not only be made a paying investment if properly equipped but also insure to our patients good, pure and wholesome milk.

Out of the old material which was gotten from buildings which were blown down by the cyclone, we have built an excellent stable and are prepared to take good care of the stock.

In the previous dilapidated condition, and with our inadequate supply, the milk cost us but twelve cents per gallon, or from one cent to a cent and a half less than it could be obtained by contract with outside parties, and I believe if an appropriation were made sufficient to purchase cows to furnish milk for all the institutions, that we could do so at a cost not greater than ten cents per gallon.

In my estimates for appropriations submitted to the Comptroller I ask for $4,000.00 for additional cows. We have only 27 head in use at the present time.

With that sum of money and the present favorable conditions for maintaining a dairy in our new quarters, we will be enabled to furnish a pure and essential article at a much reduced cost.

The financial account is as follows: —

CREDITS.

By amount of milk sold: —	
Poor House	$2,140 55
Total credits	$2,140 55

DEBITS.

To expenses: —		
Forage purchased	$1,102 05	
Printing vouchers and pay-rolls	18 50	
Salary of dairy help	1,020 00	
Total debits		$2,140 00
Balance		$0,000 00

Number of gallons of milk sold, 19,339.

Net cost per gallon, $0.1106.

Poor House paid net cost of production per gallon.

Bakery.— The bakery, as usual, shows a handsome profit. It still continues to furnish bread to all of the City Institutions as shown below.

The building is in a very poor condition and is entirely too small for the increased amount of work. A new structure should be built with modern improvements. Considering that this institution has always been a success financially, it is deserving of some consideration. I therefore hope that some financial provision will be made for improvements upon the lines above outlined.

The financial account is as follows: —

CREDITS.

By amount of bread sold: —		
Work House	$9,052 23	
City Hospital	3,726 34	
City Jail	2,991 67	
Metropolitan Police	266 93	
Insane Asylum	3,874 30	
Female Hospital	1,257 94	
Poor House	9,518 33	
		$30,687 71
Empty barrels sold		615 34
Inventory April 1st, 1897		158 29
Total credits		$31,463 37

DEBITS.

To expenses: —		
Bread, flour, fuel, etc., on hand April 1st, 1896	$ 460 66	
Flour and fuel purchased	18,125 82	
Yeast	234 77	
Potatoes	846 78	
Salaries of five bakers	2,820 00	
Salary of one bread wagon driver	420 00	
Feed and care of horses, shoeing, etc	1,015 91	
Lard, ice, sugar, salt and corn meal	1,422 44	
Sundry items	319 06	
Total debits		25,665 44
Net profit		$5,795 93

Number of pounds of bread purchased, 1,227,506.

Net cost, per pound, of bread purchased, $0.0209+.

Selling price per pound, 0.025.

Poor House paid average cost of production per pound.

List given below shows all the persons appointed to this institution during the year.

For further information I beg to refer to the report of the Superintendent, which is included in my report to His Honor, the Mayor.

Respectfully,

MAX C. STARKLOFF, M. D.,
Health Commissioner.

List of names of persons appointed to the Poor House during the year ending March 31st, 1897:—

Assistant Physician.

Geo. L. Parrish, M. D.

Engineers.

Ben Wagner, Chief.
R. F. Wilson, Assistant.
John Widmer, Assistant.

Cooks.

Wm. Burgess, Chief.
R. R. Stoner, Assistant.
Samuel Peats, Assistant.
Wm. Conklin, Assistant.

Miscellaneous.

Charles Lewis, Carpenter.
E. C. Nicholson, Carpenter.
Emma Meyer, Asst. Laundress.
A. Smetz, Fireman.
Thos. Coleman, Fireman.
Wm. Gross, Whitener.

Attendants — Female.

L. C. McCord,
Nannie Clopton,
Pauline Goetz,
Lizzie Kerr,
Jennie Kay.
Florence Childress,
Jennie L. Tonke,

Attendants — Male.

Charles Steck,
Charles Flynn,
Thomas Turner,
Herman Huelspann,
L. P. Whitaker,
C. A. Mueller,
Hugo Gerber,
C. K. Dyer,
J. M. Nichols,
Christopher Tenting,
Charles Frey,
William Ford.

First-class Help — Female.

Lela Millikin,
Christina Clapp.

First-class Help — Male.

Joseph Jordan.

Second-class Help — Female.

Micha Winchester,
Kate Beile,
Sarah Nicholson,
Jennie Childress.

Second-class Help — Male.

Luther Reno.

(Owing to changes several appointments were made to the same positions during the year.)

WORK HOUSE.

I herewith respectfully submit my report of the Medical Department of the Work House. The health of the inmates has been, during the past year, fairly good. A great many patients have been treated in the Dispensary, but their ailments have been, for the most part, of a simple nature, requiring but few drugs.

Owing to the totally inadequate facilities for the treatment of the seriously ill, I have found it necessary to send this class of patients to the City Hospital.

The Work House is very much overcrowded and a new building is imperatively needed. I would also respectfully urge the necessity of a separate building to be used as a hospital and drug store, and the appointment of a competent nurse to take care of the sick. In this way, the many escapes of convalescing Work House prisoners from the City Hospital would be obviated.

The so-called "sick cell" is dark, poorly ventilated and totally unfit for the purpose.

The food is wholesome and pure, but I would recommend that the prisoners be given more vegetables and albuminous food.

The cells are kept as neat and clean as is possible, while so overcrowded.

Below is a summary of the number of cases treated from April 1st, 1896, to April 1st, 1897:—

	Men.	Women.		Men.	Women.
April	51	11	June	44	5
May	46	8	July	69	12
August	83	15	January	103	23
September	82	13	February	113	21
October	62	9	March	98	9
November	86	12		—	—
December	95	19	Total	932	157

SURGICAL CASES TREATED.

	Men.	Women.		Men.	Women.
April	12	3	November	7	4
May	13	0	December	12	3
June	17	1	January	15	5
July	11	4	February	11	0
August	18	2	March	8	5
September	11	8		—	—
October	9	0	Total	144	27

Total of all cases treated..1,260

Respectfully,

F. W. JELKS, M. D.,
Physician in Charge Work House.

COPY OF GARBAGE ORDINANCE NO. 17,216.

Be it ordained by the Municipal Assembly of the City of St. Louis, as follows: —

SECTION 1. The word garbage, whenever it occurs in this ordinance, shall be construed to mean every accumulation of both animal and vegetable matter as received from kitchens, hotels, restaurants, boarding houses, tenement houses, dwellings, public institutions and refuse from slaughter houses.

SECTION 2. The Board of Health is hereby authorized and directed, by vote of a majority of its members, to provide by contract for the removal of garbage and dead dogs, cats, rats and fowls from the streets, alleys, roads, courts, private places, private streets, court yards, market houses, hotels, restaurants, tenement houses, private dwelling-houses and public institutions within the limits of the city of St. Louis, and the Board of Health is hereby authorized to prescribe such conditions relating to the manner of the removal of garbage as said Board of Health may deem expedient, not inconsistent with the provisions of this ordinance, and said stipulation shall be set forth in the contract; provided, however, that nothing in this ordinance shall be so construed as to deprive any person of his right of property in garbage or preventing him from disposing of the same in a lawful and inoffensive manner.

SECTION 3. For the purpose of removing garbage, the city is hereby divided into six districts, numbered and described as follows, and lying within the lines as set forth, respectively:—

DISTRICT NO. 1.

All that portion of the city lying south of Arsenal street, from the Mississippi river to the western terminus of Arsenal street, and from that point westwardly all that portion lying south of city blocks four thousand seven hundred eighty-four, four thousand seven hundred eighty-five, and four thousand seven hundred eighty-six.

DISTRICT NO. 2.

All that portion of the city lying between Arsenal and Rosalie streets on the south, and Chouteau avenue and the south line of Forest Park on the north, and the Mississippi river on the east, and the western boundary of the city on the west.

DISTRICT NO. 3.

All that portion of the city lying within the described limits. From the Mississippi River at the foot of Chouteau avenue; thence along the center of Chouteau avenue to Forest Park; thence along the south line of Forest Park to the western city limits; thence along the western city limits to the Bonhomme road; thence along the Bonhomme road to its interuection with Delmar avenue; thence along Delmar avenue to Union avenue; thence along Union avenue to Washington; thence along Washington avenue to the Mississippi river.

DISTRICT NO. 4.

Commencing at the foot of Washington avenue; thence along the center line of Washington avenue to Union avenue; thence along Union avenue to Delmar avenue; thence along Delmar avenue westwardly to the point where Delmar avenue meets Bonhomme road; thence along the Bonhomme road to the western city limits; thence along the western city limits to Easton avenue; thence eastwardly on Easton avenue to Prairie avenue and Cass avenue; thence along the center line of Cass avenue to First street; thence along First street to Smith street; thence along Smith street to Mississippi river.

DISTRICT NO. 5.

Commencing at the Mississippi river and Smith street; thence along the Mississippi river to Palm street; thence along the center line of Palm street to

Salisbury street; thence along Salisbury street to the Natural Bridge road; thence along the Natural Bridge road to the western city limits; thence along the western city limits to Easton avenue; thence along Easton avenue to Prairie avenue and Cass avenue; thence along Cass avenue to First street; thence along First street to Smith street, and thence along Smith street to the Mississippi river.

DISTRICT NO. 6.

All that portion of the city lying north of Palm street and the Natural Bridge road, and not included in districts numbered one, two, three, four and five. Whenever a street or avenue is named as the boundary of a district above defined, the center of such street or avenue shall constitute such boundary.

SECTION 4. Within ten days after the approval of this ordinance, the Board of Health, under the supervision of the register, shall cause to be inserted for five days in the newspapers doing the City printing, an advertisement asking for sealed proposals for the removal of garbage from the various districts in accordance with the provisions of this ordinance. Bidders may propose for one or more of the districts, but the price bid for each district shall be stated separately, and all bids shall state the price per year. Bidders may also propose for the whole city to be let under one contract and the Board of Health shall accept the lowest bid; provided, however, the amount bid for the whole city is not more than the sum total of the lowest bids for the several districts. The bids for the removal of garbage shall be opened by the Board of Health at the time and place stated in the advertisement, and in the presence of such bidders as desire to be and are present, and shall be subject to their inspection. All proposals having alterations or erasures upon them shall be rejected. All bids shall be accompanied by a receipt and certificate from the City Treasurer that the parties have deposited with the City Treasurer the sum of five hundred dollars as a guarantee that if the contract is awarded to them they will enter into a contract and furnish the requisite bond for the removal of the garbage as provided for by this ordinance and the terms of the advertisement; provided, however, that all bids for the whole city shall be accompanied by a deposit of the sum of three thousand dollars with the City Treasurer. Which sums of five hundred dollars for each district or three thousand dollars for the whole city, so deposited, shall be forfeited to the City of St. Louis in case of parties or either of them so depositing said sum, fail to enter into a contract and furnish the bond required within ten days after the date of the award of the contract by the Board of Health to such party or parties making such deposit; and no deposit shall be returned to any party making same until he shall have commenced work. The contracts shall be awarded to the lowest bidder. The Board of Health shall have the right to reject any and all bids. If the Board of Health reject any of the bids, the Board shall at once proceed to readvertise for proposals for such district or districts as have not been let by contract; provided, that until a contract is let under this ordinance, the Board of Health, if it is necessary, shall have power to provide for the temporary removal of garbage in such a manner as they may deem best for the interest of the city.

SECTION 5. Said contract shall be for a term of five years, and the contractor shall be required to enter into a bond to the City of St. Louis in the penal sum equal to one-fifth of the amount bid and accepted for five years' removal of garbage for each district; said bond shall be for the faithful performance of the contract, with two or more securities, owners of unincumbered real estate in the city of St. Louis, to the full amount of the bond. Said bond shall be subject to the approval of the Mayor and Council.

SECTION 6. For further security to the City, the Board of Health shall deduct and retain from each monthly payment, for the first twelve payments, one-tenth thereof, which sum shall be retained until the contract is completed and ended, either by lapse of time or agreement, as hereinafter provided.

SECTION 7. The contractors under this ordinance shall begin their work at the time to be stated in the advertisement for proposals, which time shall not be more than ten days from the date of the approval of the bond. If the contractor fails or neglects to begin the work as herein provided, the Board of Health may annul the contract and proceed to relet the same, and the securities on the bond shall be held liable to the City of St. Louis for the cost of the removal of the garbage pending the award and the reletting of a new contract, and the deposit shall be forfeited to the City.

SECTION 8. The contractor for the removal of garbage shall be required by the contract to call regularly at all dwellings and other buildings and places, and remove all garbage promptly and orderly not less than twice each week during the months of October, November, December, January, February and March; and three times each week during the months of April, May, June, July, August and September; provided, however, that each contractor shall be required by his contract to remove daily (Sunday excepted), in every month of the year, all slops and garbage from hotels and restaurants that he may be directed to do by an order from the Board of Health. The contract shall provide that the contractor shall remove all garbage which may be offered to him, or to which his attention may be called, which shall be placed by the occupants of such buildings in the alleys near the building line thereof, or if there are no such alleys or if such alleys are impassable, then on the sidewalk near the street line, and the contractor shall be required to remove all garbage that may be regularly placed immediately inside of doors or gates not locked or otherwise fastened which opens upon alleys or streets when the attention of the contractor or driver has been directed thereto. Provided, that whenever a residence has no alley and has a private driveway into its back premises, the contractor shall remove the garbage from any point immediately adjacent to any part of such driveway when a request to that effect shall have been made to such contractor or to his driver. The garbage must be collected and removed on regular days, to which the householders must conform as nearly as practicable in placing their vessels. Adequate notice shall be given by the contractors, by printed circulars, of the days that the garbage will be collected. No portion of any district shall be neglected, and the contractor shall collect garbage from each and every point alike. The notice by printed circular issued by the contractor must be first submitted to and approved by the Board of Health, and, except in cases of inclement weather, the following mode must be adhered to: First — when garbage is removed twice each week, two days must intervene between the removals. Second — when garbage is removed three times each week, one day must intervene between removals. The Board of Health shall have the power to regulate on what days the contractors shall remove garbage so that there may be a daily removal from at least one of the districts, and the Board of Health shall designate to which of the factories of the St. Louis Sanitary Company the garbage shall be removed, said distribution so far as practicable to be in accordance with the capacity of the different works.

SECTION 9. All garbage shall be removed in water tight carts, wagons or barrels only, all of which shall have tight-fitting wooden or metallic covers, and said carts or wagons shall not be filled to overflowing, and the covers of said carts or wagons shall be kept closed except when the garbage is being placed in them.

SECTION 10. Owners or tenants of each house, boarding-house, tenement house or public institution where there may be accumulations of garbage shall provide suitable garbage receptacles, and all garbage and slops received from hotels and restaurants shall only be removed in tight barrels with metallic covers, and for this purpose the contractor shall furnish to hotels and restaurants duplicate barrels free of charge. Garbage receptables must be made water-tight, covered, and of the capacity of not less than three nor more than fifteen gallons, and shall be so placed upon the premises as to be accessible to the collector of garbage. Householders and others who offer garbage to be removed shall not be permitted to mix with it dirt, ashes or other substances foreign to it. The contractor shall not be required to remove any garbage containing ashes, cans, glass, straw or anything but animal or vegetable matter and shall report all such cases to the police, and in case the contractor fails to remove same, he or his driver shall immediately notify the occupant of the premises of the reasons for such failure to remove the garbage. Any person violating the provisions of this section shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be fined not less than ten nor more than twenty dollars for each offense.

SECTION 11. The contractor for the removal of garbage shall be required to deliver in a proper manner all such garbage inside of the works of the parties having the contract with the City of St. Louis for the sanitary disposal of all slops, offal, garbage and animal matter of the city of St. Louis by the Merz process, as authorized and provided for by ordinance number fifteen thousand seven hundred eighteen, approved August the first, eighteen hundred and ninety. And said contractor shall not be allowed to dump or store said garbage at any other point within the limits of the city of St. Louis. If by accident or any other cause the company having the contract for the disposal of garbage by the Merz system shall be unable or refuse to receive garbage, offered and delivered to it, then said contractor shall haul said garbage to such points within the limits of the city of St. Louis, as the Board of Health may by order direct.

SECTION 12. The contract made under this ordinance shall provide that the contractor shall furnish to the Board of Health, whenever it may be demanded of him, a sworn statement of the number of men and teams employed during any required period of time, and if, in the opinion of the Board of Health, the number employed is not sufficient to properly perform the work, they shall have power to order a larger number to be put in use. In case the contractor fails, refuses or neglects to put in service the additional number of men and teams when ordered to do so by the Board of Health, the Board of Health may declare said contract terminated, or the Board of Health may employ an additional number of men and teams to remove the garbage, and the cost thereof shall be deducted from the monthly pay of the contractor or from the amount retained by the City from monthly payments to the contractor as provided for by section six of this ordinance. The price per day that may be paid by the Board of Health for removing garbage, when done at the expense of the contractor, shall be eight dollars per day for each two-horse wagon and driver, and five dollars per day for one-horse wagon or cart with driver.

SECTION 13. The contract for the removal of garbage shall provide that it may be terminated at any time by the Board of Health, whenever the contractor shall refuse or neglect to perform any of the stipulations thereof, and as to the fact of such refusal or neglect, the said Board shall reserve to itself therein the exclusive right of determining, and if at any time any contractor fails to remove the garbage from any portion of the district embraced in his contract, or shall fail to remove the garbage as often as provided for by this ordinance, then the Board of Health shall deduct from the monthly payment of said contractor a sum that shall be in such proportion as the district neglected bears to the whole of the district embraced in said contract, and the rate per day to be deducted shall be in proportion to the total amount paid monthly for such district; and in addition to said deduction the Board of Health may terminate all said contracts; but the contract shall not be terminated or a deduction made without a written notification to the contractor stating the action the Board is about to take, which notice shall be delivered to the contractor, or his agent, at least three days before some specified meeting of this Board, at which meeting the contractor may appear in person or by attorney to show cause why the Board should not take such action.

SECTION 14. Whenever the contractor fails or neglects to perform his work, or whenever the Board of Health shall have terminated his contract, the Board of Health shall have power to provide for the removal of garbage in such a manner as it may deem best for the interest of the city. The cost of said removal shall be paid first, from any sum to which said contractor would have been entitled had he completed the contract, and when that sum shall be exhausted, then from the fund in the Treasury which had been reserved and retained from the monthly payments, and when that sum shall be exhausted, then out of the money which may be appropriated for such purpose by the Municipal Assembly until the term for which said contract was originally made shall have expired, and suit shall be brought against such contractor and his bondsmen to recover the moneys so appropriated and paid out, and such penalty in addition thereto as may be provided in the contract.

SECTION 15. The removal of garbage by the Board of Health, when not performed by contract, shall be temporary, and shall not exceed a term of thirty days, during which time the Board of Health shall at once proceed to make a new contract, as provided for in this ordinance; provided, however, that in case a rejection of proposals should extend the time beyond the term stated above, the removal shall continue until proposals are accepted.

SECTION 16. If, by reason of failure or neglect on the part of the contractor, the Board of Health shall have declared such contract terminated, it shall have power, by a vote of two-thirds of its members, to effect a final settlement with such contractor, if they deem it best for the interest of the city so to do, by certifying to such sum as they may think a fair equivalent for the sevices actually performed, taking into consideration the probable additional expense for similar service for the unexpired time of the contract and any other circumstances attaching to the case; provided they shall obtain a full and absolute quittance of all claims against the City under said contract, and that such settlement shall be approved by the Mayor and Council.

SECTION 17. The contracts under this ordinance shall provide that the Board of Health shall have power to discharge, from the service of the contractor, any driver who may have demanded or received any presents of money, or beer or other liquors, or bribes of any kind, from householders or other persons having garbage to be removed.

SECTION 18. Payments shall be made to the contractor under his contract in equal monthly installments during the entire period of his contract, except as otherwise provided in section six hereof. The Board of Health is authorized to certify to the Auditor, on or before the fifth day of each month, the amount due for the removal of garbage, and the Auditor is instructed to draw his warrant on the Treasurer for the payment of the same, to be payable out of the appropriation for the removal of garbage.

SECTION 19. It shall be the duty of the police to see that the provisions of this ordinance are enforced, and that no garbage is permitted to remain upon the premises of the residents of the city, and to report at once to the Health Commissioner any failure on the part of the garbage contractor that may come to their notice, or any person who may mix with garbage dirt, ashes or other substances foreign to it.

SECTION 20. Each contractor for the removal of slops shall provide in the central portion of the City, at a point to be approved of by the Board of Health, a suitable office where complaints of the non-removal of garbage may be received; said office shall be in charge of a suitable person appointed and paid by the contractor, and said office shall be kept open during the same hours as is prescribed by law for city offices. In this office shall be kept a record showing the compaints made, the locality complained of, the name of the party making the complaint, and the date of the complaint.

SECTION 21. When, owing to the inclemency of the weather or any other cause, the contractor shall fail to remove garbage from any district on the day designated, he shall be required to remove the garbage from that disirict on the next succeeding day, and this work must be done without neglecting any other portion of the district, so that garbage shall be removed as often each week from each locality as is provided for by this ordinance.

SECTION 22. Whenever in the opinion of the Board of Health, circumstances require the garbage to be more frequently removed than is provided for by the terms of this ordinance, the Board of Health, by and with the approval of the Mayor and Comptroler, may order the garbage to be removed daily not excepted, and for this purpose may employ wagons and carts to perform the work, but the amount to be paid for such wagons and carts shall not exceed the sum of eight dollars per day for each two-horse wagon and driver, and five dollars per day for each one-horse wagon or cart with driver; the cost to be paid out of the fund appropriated for the removal of garbage; provided, however, that in ordering the extra removal of garbage it shall be discretionary with the Board of Health to order the removal from all parts of the city, or only from certain districts thereof, as in the opinion of the Board of Health it is necessary, and when the Board have ordered the daily removal of garbage the Board shall have power to designate on what days the contractor shall remove.

SECTION 23. The contract shall provide that the contractor shall collect all dead dogs, cats, rats, and fowls that may be found on the streets, alleys or vacant lots, and said dead dogs, cats, rats and fowls shall be removed in the same manner and to the same locality as the garbage is removed to; any driver of any wagon or cart who shall neglect or refuse to collect and carry off any dead dog, cat, rat or fowl which he may see, or to which his attention has been called by the police or any citizen, shall be deemed guilty of a misdemeanor, and upon conviction, shall be fined not less than ten nor more than twenty dollars. The contract shall further provide for the daily delivery of garbage to the works of the St. Louis Reduction Company, so as to comply with the existing contract between the City of St. Louis and said company.

SECTION 24. Articles seventeen, chapter fourteen, of the Revised Ordinances of eighteen hundred and ninety-three, is hereby repealed. Any person violating or failing to comply with any of the provisions of this ordinance for which no special penalty has been attached shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined not less than twenty nor more than one hundred dollars, to be recovered for the use of the City of St. Louis before any court having competent jurisdiction.

SECTION 25. As the present contracts for the removal of garbage expire on July seventh, eighteen hundred and ninety-three, an emergency exists and this ordinance shall take effect immediately after its approval.

Approved June 29th, 1893.

PART SECOND.

Containing tables showing statistical data which is submitted in addition to the Annual Statements of the several Institutions and Divisions of this Department.

II.

OFFICE OF HEALTH COMMISSIONER AND BOARD OF HEALTH.

Presenting fifty-two tables as follows:

Table No. 1. Showing comparative mortality in St. Louis during the last thirty years.
Table No. 2. Showing reported mortality for municipal year ending March 31st, 1897.
Table No. 3. Showing reported mortality for calendar year 1896.
Table No. 4. Showing Zymotic diseases by Wards for 1896.
Table No. 5. Showing comparative statement of zymotic diseases in ten of the principal cities of the United States for 1896.
Table No. 6. Showing the total number of deaths in different institutions by months.
Table No. 7. Showing nativity of deceased by months.
Table No. 8. Showing the disposition made of decedents, including still-births, and those from outside the City by months.
Table No. 9. Showing decedents received from outside of the City and places of death, by months.
Table No. 10. Showing cremations and causes of death by months.
Table No. 11. Showing comparative mortality from fourteen prominent causes of death for ten years, 1887 to 1896 inclusive.
Table No. 12. Showing number of births reported during 1896 by months.
Table No. 13. Showing mortality for January, 1896.
Table No. 14. Showing mortality for February, 1896.
Table No. 15. Showing mortality for March, 1896.
Table No. 16. Showing mortality for April, 1896.
Table No. 17. Showing mortality for May, 1896.
Table No. 18. Showing mortality for June, 1896.
Table No. 19. Showing mortality for July, 1896.
Table No. 20. Showing mortality for August, 1896.
Table No. 21. Showing mortality for September, 1896.
Table No. 22. Showing mortality for October, 1896.
Table No. 23. Showing mortality for November, 1896.
Table No. 24. Showing mortality for December, 1896.
Table 25–36. Showing local meteorological observations for each month of 1896.
Table No. 37. Showing number of certified copies of death and birth certificates issued by months.
Table No. 38. Showing number of vaccine points received each month and source derived from.
Table No. 39. Showing abstracts of weekly reports made by the Coroner for each month 1896.
Table 40-51 (incl.). Showing number of pounds and different kinds of garbage reduced for months of April, 1896, to March, 1897, incl.
Table No. 52. Shows number of pounds and different kinds of garbage reduced during the year, by months.

TABLE NO. 1.

COMPARATIVE MORTALITY IN ST. LOUIS DURING THE LAST THIRTY YEARS.

YEAR.	Population.	Total deaths.	Ann'l death rate per 1000.	Deaths under five years.	Per cent to total deaths.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping cough.	Typhoid fever.	Diarrhoeal diseases under five years.	Diarrhoeal diseases other ages.	Total from foregoing causes.	Per cent to total deaths.	Malarial fever.	Per cent to total deaths.	Phthisis Pulmonalis.	Per cent to total deaths.	Pneumonia.	Per cent to total deaths.	Still-births not included in mortality.	No. of births reported.
1867	265,836	6,538	24.5	2,953	45.0	3	28	27	48	58	60	194	173	1,507	2,098	31.9	227	3.4	464	7.1	309	4.7	371	....
1868	280,845	5,193	18.4	2,582	49.7	.....	8	28	35	44	26	294	409	512	1,356	26.1	127	2.4	503	9.6	371	7.1	411	....
1869	295,854	5,884	19.9	3,225	54.8	214	112	55	49	51	59	202	469	409	1,620	27.5	147	2.4	571	9.7	410	6.9	421	....
1870	310,864	6,670	21.4	3,449	51.7	375	32	263	75	92	97	269	371	531	2,108	31.6	180	2.7	620	9.2	350	5.2	407	....
1871	314,829	5,265	16.7	2,585	49.0	9	39	68	68	79	60	174	221	317	1,035	19.6	124	2.4	599	11.3	381	7.2	363	....
1872	318,794	8,047	25.2	4,059	50.4	1591	57	47	76	66	7	176	456	549	3,025	37.5	124	1.5	568	7.0	382	4.7	630	....
1873	322,759	8,551	26.5	4,014	46.9	837	35	22	61	78	30	167	496	822	2,548	29.7	140	1.4	751	8.7	510	5.9	514	....
1874	326,724	6,506	19.9	3,433	52.7	447	51	87	56	53	58	131	460	295	1,638	25.1	88	1.3	581	8.9	413	6.3	510	....
1875	330,689	7,532	22.7	3,755	49.8	603	70	508	160	72	10	131	378	315	2,247	29.8	212	2.8	740	9.8	450	5.9	421	....
1876	334,654	6,019	17.9	2,840	47.1	90	55	124	167	157	54	103	314	248	1,312	21.6	216	3.6	721	11.9	460	7.6	401	....
1877	338,619	5,660	16.7	2,391	42.2	.....	1	40	165	69	70	130	197	234	906	16.0	240	4.2	686	12.1	427	7.6	467	...
1878	342,584	6,002	17.5	2,635	43.9	.....	35	36	156	85	49	74	238	213	833	14.7	279	4.6	730	12.2	375	6.2	434	4,681
1879	346,559	6,167	17.7	2,666	43.2	......	25	39	141	62	41	112	477	189	1,086	17.6	197	3.1	781	12.6	432	7.0	541	4,641
1880	350,518	6,636	18.9	2,937	44.2	.....	55	47	113	61	79	139	488	161	1,143	17.2	241	3.6	786	11.8	539	8.1	561	7,525
1881	361,466	8,410	23.2	3,541	42.1	5	27	108	157	68	61	191	686	195	1,498	17.8	393	4.6	913	10.8	475	5.6	668	8,066
1882	372,414	7,845	21.0	3,454	44.0	12	64	346	385	103	79	166	525	179	1,859	23.6	264	3.3	870	11.0	474	6.0	705	8,401
1883	383,362	8,177	21.3	3,420	41.8	62	29	349	553	134	51	158	531	136	1,993	24.3	270	3.3	944	11.5	493	6.02	709	8,835
1884	394,310	7,887	20.0	3,357	42.1	4	33	161	425	116	32	166	582	130	1,649	20.9	261	3.3	845	10.7	501	6.3	790	9,634
1885	405,258	7,490	18.4	3,090	41.3	......	54	164	372	109	24	125	441	91	1,380	18.4	263	3.5	888	11.8	511	6.8	725	9,906
1886	416,206	8,268	19.8	3,434	41.5	....	6	149	719	160	76	124	334	97	1,665	20.1	279	3.3	915	11.0	597	6.01	765	10,296
1887	427,154	9,155	21.4	3,795	41.4	......	40	48	927	185	12	116	324	153	1,805	19.7	304	3.3	829	9.0	586	6.4	740	10,613
1888	438,102	9,015	20.4	3,659	40.58	......	31	30	564	167	41	133	488	144	1,598	17.7	242	2.6	800	8.8	728	8.0	726	11,305
1889	449,050	8,004	17.8	3,124	39.03	......	63	114	345	94	55	146	357	79	1,253	15.6	223	2.7	655	8.18	598	7.34	835	11,906
1890	460,000	8,409	18.2	3,115	37.04	......	1	87	186	58	31	140	435	104	1,042	12.3	226	2.6	843	10.2	601	7.1	704	11,564
1891	481,666	9,530	19.7	3,493	36.6	......	53	96	250	90	61	165	426	118	1,262	13.2	216	2.2	869	9.1	932	10.2	828	11,609
1892	503,332	10,225	20.5	3,607	28.3	....	7	150	195	91	10	441	444	112	1,450	14.1	326	3.1	882	8.6	705	6.8	837	12,317
1893	525,000	10,303	19.6	3,548	29.6	.....	26	79	227	144	34	215	570	111	1,406	13.6	284	2.7	981	9.7	879	8.5	799	12,020
1894	546,666	8,710	15.9	3,192	27.2	......	3	29	240	139	64	171	538	98	1,282	14.7	179	2.0	875	10.	672	7.7	806	12,333
1895	568,332	9,425	16.5	2,375	25.1	73	38	20	522	171	23	107	552	101	1,607	17.6	155	1.6	1,000	10.6	677	7.1	784	11,848
1896	590,000	9,897	16.7	3,326	31.5	.....	17	8	273	104	53	106	664	111	1,336	13.49	177	1.7	1,026	10.3	854	8.6	772	11,281
Total and Percentages.		231,860	19.8	97,053	41.5	4,325	1,095	3,329	7,710	2,960	1,394	4,966	13,047	8,261	47,087	20.9	6,604	2.8	23,239	10.1	15,992	6.4	18,637	188,681

TABLE NO. 2.

SHOWING THE REPORTED MORTALITY FOR MUNICIPAL YEAR ENDING MARCH 31ST, 1897.

The annual death rate per 1,000 was 17.6, this being based on a population of 570,000, White population, 538,000; mortality rate per thousand, 16.4. Colored population, 32,000;

CAUSES OF DEATH.	Total deaths reported during Municipal year 1896 7.	Total deaths reported during Municipal year 1895-6.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	10040	9516	2276	527	214	118	106	2857	384
Total Zymotic Diseases	1558	1910	615	202	92	57	56	935	87
Total Constitutional Diseases	1828	1880	268	68	13	3	7	314	45
Total Local Diseases	4656	4006	728	226	94	53	33	953	181
Total Developmental Diseases	1211	1071	648	19	5	1	....	609	64
Total Deaths by Violence	768	634	13	12	10	4	10	42	7
Total Unknown	19	9	4	...	....	....	....	4	...
Small-Pox	......	24	....	....	...	....	....	....	....
Measles	6	45	2	2	....	....	....	3	1
Scarlatina	6	17	...	2	....	2	....	4	...
Diphtheria	208	525	13	23	33	34	27	127	3
Croup	82	172	4	22	16	8	13	60	3
Tonsilitis	2	.....	....	1	....	....	...	1	....
Whooping Cough	59	28	32	12	5	4	4	45	12
Typhoid Fever	118	100	1	...	1	1	3	5	1
Cerebro-Spinal Fever	17	29	4	5	1	....	...	9	1
Rem. Interm., Typ-Mal'l, Cong. and S'ple Con.Fvs	171	159	24	7	8	3	3	38	7
Puerperal Fever	14	10	...	....	...	....	....	....	....
Diarrhœal Under 5 years	652	546	499	119	27	3	4	602	50
Diseases: Other ages	104	108	...	....	....	....	...	....	....
Erysipelas	17	17	6	...	....	....	...	5	1
Pyæmia and Septicæmia	22	31	3	2	...	....	....	5	....
Syphilis	25	35	14	1	1	...	....	11	5
Alcoholism	30	44	..	....	....	....	....	....	....
Other Zymotic Diseases	25	29	13	6	....	2	2	20	3
Cancer and Malignant Tumor	252	281	...	..	....	...	....	...	....
Phthisis and Tuberculosis—Pulmonary	1033	1044	4	7	1	....	1	8	5
Marasmus—Tabes Mesenterica and Scrofula	296	362	227	38	6	1	2	243	37
Hydrocephalus, Tubercular Meningitis, etc.	152	123	29	16	6	1	3	46	9
Rheumatism and Gout	30	28	....	...	....	....	...	...	....
Other Constitutional Diseases	65	42	7	8	....	1	1	17	....
Bronchitis	364	376	121	55	19	9	5	150	59
Pneumonia	1060	735	154	84	37	14	13	238	64
Other Diseases Respiratory Organs	246	186	19	6	8	6	2	39	2
Diseases of Circulatory System	550	516	9	....	1	1	1	9	3
Meningitis and Encephalitis	178	157	77	36	9	7	2	123	8
Convulsions and Trismus	274	285	240	17	8	3	2	243	27
Heat Stroke	158	7	5	1	....	....	....	5	1
LaGrippe	49	37	14	....	1	....	....	15	....
Apoplexy	175	129	...	....	1	....	....	1	....
Other Diseases of the Brain and Nervous System	417	454	63	22	7	7	5	92	12
Cirrhosis of Liver and Hepatitis	189	173	1	...	1	1	....	2	1
Enteritis, Gastro-Enteritis, Peritonitis and Gas'tis	303	324	11	1	...	....	1	10	3
Bright's Disease and Nephritis	391	320	5	2	1	3	....	11	....
Other Diseases Urinary Organs	182	179	4	...	1	1	1	6	1
Diseases Generative Organs	30	47	....	...	....	....	....	....	....
Diseases Locomotory Organs	33	37	2	1	....	....	1	4	....
Diseases of the Integument	79	24	3	1	...	1	....	5	....
Other Local Diseases	38	20	1	...	....	....	....	1	...
Cyanosis	33	41	33	....	...	....	....	32	1
Inanition	156	144	146	4	4	....	....	143	11
Premature Birth	127	107	127	....	....	....	....	113	14
Puerperal Diseases (not incl. Puerperal Fever)	103	84	....	....	....	....	....	....	....
Senility	431	373	..	..	....	....	....	....	....
Other Developmental Diseases	361	322	342	15	1	1	....	321	38
Surgical Operations	50	43	1	1	1	....	1	4	....
Deaths by Suicide	155	129	....	....	....	....	....	....	....
Deaths by Homicide	72	72	....	....	....	....	....	....	....
Deaths by Accident	401	289	12	11	9	4	9	38	7
Execution by Warrant of Law	......	1	...	....	....	....	....	....	....
Unknown	19	9	4	....	....	....	....	4	....

TABLE NO. 2. — *Continued.*

computed on census figures of 1890 (460,000), at the rate of four per cent annual increase. mortality rate per thousand, 37.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
290	143	263	486	557	537	587	505	528	522	484	517	449	931	5745	4295	4365	5675	8851	1189	10040
126	24	26	52	46	31	40	26	25	40	20	24	22	34	818	740	218	1340	1427	131	1558
31	24	82	190	184	171	144	127	112	106	86	79	69	64	990	838	830	998	1538	290	1828
107	63	93	134	203	241	296	278	344	328	328	352	308	447	2761	1895	2346	2310	4069	587	4656
...	....	11	34	22	15	19	4	1	1	11	31	32	357	573	628	464	747	1108	103	1211
26	32	50	74	99	78	86	69	45	47	39	30	18	28	588	180	399	369	694	74	768
....	.	1	2	3	1	2	3	1	..	...	1	...	1	15	4	8	11	15	4	19
....	....	....	....	...	...	....	....	..	....	....	....	....	..	....	....	...	...	. .	...	.....
1	....	....	....	....	1	....	....	....	....	...	...	....	.	3	3	1	5	5	1	6
....	....	1	...	....	1	....	....	....	....	....	...	...	....	4	2	...	6	6	...	6
68	7	1	....	2	....	....	....	....	....	...	...	....	....	116	92	2	206	205	3	208
16	2	....	....	....	....	1	....	....	....	....	..	....	....	51	31	1	81	78	4	82
1	....	....	....	...	...	....	....	....	....	....	....	....	....	1	1	....	2	2	....	2
2	...	...	....	....	....	....	...	....	....	...	....	....	...	32	27	....	59	47	12	59
14	10	9	22	15	9	9	3	5	7	4	2	1	2	71	47	37	81	107	11	118
4	...	1	2	...	..	...	....	....	....	....	....	....	...	9	8	...	17	16	1	17
14	5	7	12	12	11	12	7	7	11	3	8	6	11	78	93	65	106	149	22	171
....	....	3	4	3	....	3	....	1	....	....	....	....	....	....	14	12	2	11	3	14
....	....	....	....	...	....	...	....	....	....	....	....	....	..	310	342	...	652	602	50	652
2	....	3	4	5	2	8	7	10	12	9	10	14	18	60	44	66	38	99	5	104
1	....	...	3	....	1	....	1	....	3	...	1	....	1	12	5	7	10	14	3	17
1	....	..	2	1	2	3	2	....	1	....	2	1	2	14	8	10	12	20	2	22
....	....	1	1	2	3	...	1	...	....	1	....	....	....	16	9	2	23	14	11	25
....	....	....	2	6	1	4	5	2	6	3	1	....	....	28	2	15	15	30	...	30
2	....	....	....	...	....	...	....	....	....	...	....	....	...	14	11	....	25	22	3	25
....	...	1	2	5	8	14	25	31	37	27	35	35	32	109	143	210	42	332	20	252
12	13	70	171	160	150	111	91	63	56	48	30	25	20	589	444	500	533	831	202	1033
5	1	1	1	3	...	1	1	4	2	1	....	...	2	155	141	14	282	261	35	296
11	6	7	13	13	9	8	5	6	4	4	2	4	5	88	64	51	101	129	23	152
1	....	....	...	1	3	4	2	4	2	2	5	2	4	14	16	22	8	27	3	30
2	4	3	3	2	1	6	3	4	5	4	7	3	1	35	30	33	32	58	7	65
7	1	8	7	2	5	5	7	11	13	15	13	19	42	160	204	118	246	287	77	364
25	5	24	43	56	57	69	77	87	85	77	54	36	63	709	351	419	641	892	168	1060
10	5	5	8	11	12	15	8	14	19	20	20	21	37	145	101	134	112	226	20	246
8	14	16	20	31	37	43	42	56	50	46	64	52	59	286	264	381	169	476	94	550
7	6	3	5	4	3	6	3	2	2	2	2	1	1	110	68	15	163	166	22	178
3	..	1	....	....	....	...	....	..	....	....	....	....	...	165	109	....	274	245	29	274
....	1	2	3	10	20	31	13	19	15	10	14	6	8	116	42	91	67	152	6	158
....	....	....	....	2	....	2	1	4	5	5	3	3	9	28	21	29	20	49	...	49
....	2	1	...	4	4	9	15	18	19	21	23	25	33	92	83	149	26	160	15	175
10	3	7	12	23	19	30	15	19	34	27	36	27	51	242	175	227	190	363	54	417
4	1	2	2	7	19	19	9	21	21	23	22	16	20	127	62	131	58	172	17	189
22	13	11	14	18	22	16	18	26	16	29	20	27	38	162	141	179	124	268	35	303
7	6	5	8	18	27	34	45	43	25	31	47	35	29	255	136	243	148	332	59	391
3	3	6	8	1	9	8	11	17	18	16	23	25	27	105	77	143	39	169	13	182
....	....	....	1	10	4	2	5	2	3	1	...	2	...	2	28	25	5	26	4	30
1	1	....	1	....	1	3	2	3	1	2	2	10	2	17	16	25	8	32	1	33
....	...	2	...	2	1	1	2	....	1	1	2	1	1	9	10	6	13	18	1	19
...	1	1	2	4	2	3	5	2	1	2	4	3	7	28	10	31	7	36	2	38
....	...	....	....	....	....	....	....	...	..	....	....	....	...	21	12	...	33	32	1	33
....	....	....	...	....	...	....	....	1	....	1	....	....	...	89	67	2	154	145	11	156
....	....	....	....	....	..	...	....	....	....	....	....	...	....	73	54	..	127	113	14	127
....	...	11	34	22	14	18	4	....	....	...	....	. ..	..	...	103	92	11	90	13	103
....	....	..	....	....	..	...	....	....	1	10	31	32	357	186	245	368	63	402	29	431
....	....	...	....	..	1	1	....	...	...	....	....	...	....	204	157	2	359	323	38	361
....	1	1	4	13	2	9	7	2	2	2	2	....	1	9	41	36	14	48	2	50
....	....	7	16	19	17	22	17	9	13	12	12	5	6	131	24	93	62	153	2	155
1	...	10	13	20	10	11	3	2	1	1	...	....	....	61	11	27	45	41	31	72
25	30	33	42	43	51	44	41	32	31	24	16	13	21	387	104	243	248	452	39	491
....	....	....	.....	....	...	....	....	...	...	....	...	....	...	..	...	..	.	...	...	.....
....	...	1	2	3	1	2	3	1	....	....	1	...	1	16	3	8	11	15	4	19

TABLE NO. 3.

SHOWING THE REPORTED MORTALITY FOR CALENDAR YEAR, 1896.

The annual death rate per 1000 was 17.3, this being based on a population of 570,000, com-
During the year there were 472 more deaths than the previous year; 465 certificates were
statement. Percentage of deaths in eleemosynary and other institutions of a pulic charac-
11.9. White population 538,000; mortality rate per thousand, 16 3. Colored population,

CAUSES OF DEATH.	Total deaths reported during 1896.	Total deaths reported during 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	9897	9425	2304	544	227	139	112	2962	364
Total Zymotic Diseases	1677	1939	629	221	99	81	64	1011	83
Total Constitutional Diseases	1847	1817	282	70	13	4	6	328	47
Total Local Diseases	4409	3943	715	222	99	48	33	957	160
Total Developmental Diseases	1193	1084	660	19	5	1	...	619	66
Total Deaths by Violence	751	630	13	12	11	5	9	44	6
Total Unknown	20	12	5	....	....	....	...	3	2
Small Pox	......	73	....	....	...	....	....	...	....
Measles	17	38	5	7	2	1	....	11	4
Scarlatina	8	20	2	1	....	2	...	5	....
Diphtheria	273	512	24	34	40	45	26	165	4
Croup	104	171	5	30	18	15	14	80	2
Whooping Cough	53	23	29	11	4	4	4	47	5
Typhoid Fever	106	107	1	...	....	1	3	5	....
Tonsilitis	1	......	...	..	...	1	....	1	....
Cerebro-Spinal Fever	18	18	6	3	1	1	....	10	1
Rem., Interm., Typ-Mal'l, Cong. & S'ple Con. Fevs	177	155	22	7	8	2	3	36	6
Puerperal Fever	14	11	..	..	....	..	...	...	....
Diarrhoeal Under 5 years	664	552	512	117	27	3	5	612	52
Diseases: Other ages	111	101	...	....	....	....	....	....	....
Erysipelas	18	17	5	...	....	...	...	4	1
Pyaemia and Septicaemia	23	31	4	2	....	2	....	7	1
Syphilis	27	30	13	2	....	1	....	16	6
Alcoholism	41	40	...	..	....	...	...	...	....
Other Zymotic Diseases	22	30	11	4	....	3	2	18	2
Cancer and Malignant Tumor	268	268	..	..	...	...	...	....	....
Phthisis and Tuberculosis—Pulmonary	1026	1000	6	6	2	...	1	9	6
Marasmus—Tabes Mesenterica and Scofula.	319	350	21	40	4	2	3	260	30
Hydrocephalus, Tubercular Meningitis, etc	139	123	25	18	6	1	1	40	11
Rheumatism and Gout	31	26	....	....	....	...	....	.. ..	....
Other Constitutional Diseases	64	43	12	4	1	1	1	19	....
Bronchitis	376	397	140	52	20	5	7	179	45
Pneumonia	854	677	151	80	43	14	8	237	59
Other Diseases Respiratory Organs	233	193	14	9	8	8	4	40	3
Diseases of Circulatory System	550	515	6	...	....	....	1	5	2
Meningitis and Encephalitis	171	166	76	36	8	6	2	122	6
Convulsions and Trismus	242	286	200	18	8	5	2	211	22
Heat Stoke	158	7	5	1	....	....	....	5	1
LaGrippe	59	54	10	2	....	....	....	12	...
Apoplexy	155	141	...	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	434	442	73	21	9	7	4	97	17
Cirrhosis of Liver and Hepatitis	182	167	1	..	1	....	....	2	....
Enteritis, Gastro-Enteritis, Peritonitis and Gas'tis	296	331	10	1	....	....	1	10	2
Bright's Disease and Nephritis	396	296	4	3	1	1	...	9	....
Other Diseases Urinary Organs	187	148	3	....	1	....	3	6	1
Diseases Generative Organs	35	43	....	....	....	....	....	....	....
Diseases Locomotory Organs	33	38	1	....	....	....	1	2	....
Diseases of the Integument	24	22	5	1	....	2	....	8	....
Other Local Diseases	35	20	1	....	...	....	....	1	....
Cyanosis	38	33	38	....	....	....	....	37	1
Inanition	163	143	153	4	3	....	....	146	14
Premature Birth	112	128	112	....	....	...	....	100	11
Puerperal Diseases (not incl. Puerperal Fever)	106	83	....	....	....	....	....	....	....
Senility	398	376	....	....	....	..	....	....	....
Other Developmental Diseases	376	321	357	16	....	2	...	336	39
Surgical Operations	44	41	1	....	1	1	...	3	....
Deaths by Suicide	150	134	....	....	....	....	....	....	....
Deaths by Homicide	72	64	....	....	....	....	....	....	....
Deaths by Accident	484	391	12	12	10	5	9	42	6
Execution by Warrant of Law	1	.. ..	....	...	....	....	....	....	....
Unknown	20	12	5	..	....	..	..	3	2

TABLE NO. 3.—*Continued.*

puted on census figures of 1890 (460,000), at the rate of four per cent annual increase.
issued for deaths occurring outside the city limits; these were not included in the yearly
ter to the total mortality, 21. Percentage of deaths in city institutions to total mortality,
32,000; mortality rate per thousand, 34.7.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
297	153	263	494	535	523	563	499	484	505	457	477	448	872	5551	4346	4268	5629	8776	1121	9897
148	29	27	49	47	39	38	33	32	36	22	19	26	38	861	816	232	1445	1553	124	1677
26	27	82	199	169	167	152	134	110	116	81	73	71	65	993	854	828	1019	1555	292	1847
101	68	85	132	194	223	277	262	299	303	308	322	309	409	2536	1873	2266	2143	3879	530	4409
..	..	13	34	21	17	16	6	1	2	8	31	26	333	563	630	453	470	1094	99	1193
22	29	55	78	101	76	78	61	41	48	38	31	16	26	582	169	381	370	679	72	751
....	....	1	3	2	1	3	2	1	....	...	1	....	1	16	4	8	12	16	4	20
..	...	...	....	...	..	..	....	...	..	..	....	...	..	...	...	...	....	...	...	...
1	...	...	....	...	1	...	....	..	....	....	...	..	....	7	10	1	16	13	4	17
1	...	1	.	1	....	...	....	....	....	....	....	....	....	4	4	...	8	8	...	8
89	13	....	...	2	....	...	....	..	....	....	....	...	..	134	139	2	271	269	4	273
19	2	....	..	....	....	1	...	...	....	....	....	...	...	65	39	1	103	102	2	104
1	..	...	...	...	...	...	...	...	..	...	...	...	...	29	24	...	53	48	5	53
10	10	7	21	15	9	7	1	5	8	4	1	1	2	63	43	34	72	100	6	106
....	...	....	...	....	...	....	....	...	...	..	....	....	..	1	...	...	1	1	....	1
3	1	....	1	..	1	..	..	1	...	...	..	..	..	10	8	2	16	16	2	18
17	6	8	11	12	12	10	7	11	10	4	9	8	10	80	97	73	104	156	21	177
....	....	4	2	3	1	4	...	...	....	....	....	...	...	....	14	13	1	12	2	14
....	....	..	....	....	...	..	....	....	..	..	..	....	..	315	349	...	664	612	52	664
3	....	4	4	6	3	7	9	11	10	10	7	16	21	62	49	64	47	106	5	111
1	....	....	3	...	1	...	2	...	3	..	..	....	3	13	5	8	10	14	4	18
....	....	2	...	3	1	...	4	...	....	1	1	1	2	15	8	9	14	21	2	23
....	....	....	2	3	3	1	1	..	....	1	...	....	....	15	12	4	23	14	13	27
...	....	....	2	7	4	7	9	3	6	2	1	....	....	36	5	21	20	41	...	41
2	.	....	....	....	...	....	....	..	....	....	....	....	.	13	9	...	22	20	2	22
1	...	1	1	3	11	16	28	36	40	26	34	35	36	116	152	226	42	248	20	268
9	13	69	175	149	147	121	91	60	61	42	29	30	15	579	447	443	538	823	203	1026
6	1	2	4	3	...	1	2	2	4	...	...	...	4	174	145	17	302	285	34	319
9	6	7	15	11	7	7	4	5	5	3	2	2	5	81	58	42	79	115	24	139
....	2	....	1	1	1	4	6	3	2	2	3	2	4	13	18	24	7	26	5	31
1	5	3	3	2	1	3	3	4	5	7	5	2	1	30	34	31	33	58	6	64
11	3	7	7	1	8	4	5	7	9	17	17	27	29	172	204	114	262	314	62	376
21	9	22	37	42	39	50	54	64	52	48	40	34	46	550	304	329	525	716	318	854
11	5	6	8	8	13	13	10	10	20	22	17	17	30	139	94	121	112	209	24	233
10	15	14	22	33	36	45	43	50	51	51	61	55	57	280	270	387	163	481	69	550
6	2	3	5	3	2	6	4	2	3	3	2	1	1	103	68	16	155	160	11	171
5	....	...	1	....	...	1	...	1	..	1	...	...	....	146	96	2	240	219	23	242
...	2	1	3	10	20	31	13	19	15	10	14	6	8	116	42	91	67	152	6	158
....	....	3	....	2	1	3	3	5	6	9	5	4	6	30	29	37	22	56	3	59
...	1	1	....	5	2	10	11	14	18	23	19	23	28	85	70	135	20	140	15	155
11	7	7	12	23	21	30	17	19	34	23	37	26	53	243	191	234	200	382	52	434
2	....	..	3	6	18	17	14	18	16	26	20	15	25	117	65	141	41	166	16	182
17	13	8	15	21	17	13	20	29	17	32	21	26	35	151	145	187	109	265	31	296
5	8	4	8	21	22	38	43	43	34	32	38	37	54	259	137	253	143	340	56	396
3	1	5	8	3	15	9	13	14	22	10	22	26	29	107	80	148	39	174	13	187
...	..	1	2	9	7	2	6	1	3	1	1	2	....	1	34	28	7	29	9	35
1	1	....	....	3	...	1	2	2	4	2	3	8	4	15	18	26	7	31	6	33
....	...	1	...	2	1	2	2	....	1	1	3	2	1	11	13	10	14	24	...	24
...	1	2	2	2	2	4	5	2	1	2	4	..	7	27	8	25	10	33	2	35
...	....	....	....	....	...	....	..	...	..	..	...	....	...	24	14	...	38	37	1	38
....	....	....	....	....	....	....	...	1	..	1	1	....	...	89	74	2	161	151	12	163
....	....	....	..	...	...	....	...	....	....	....	....	....	....	68	44	...	112	100	12	112
...	....	13	34	21	17	15	6	..	...	...	....	..	..		106	96	10	95	11	106
....	....	....	...	....	...	...	...	....	2	7	30	26	333	170	228	354	44	373	25	398
....	....	...	....	..	..	1	.	...	....	....	...	...	..	212	164	1	375	337	39	376
...	...	1	5	12	4	6	5	1	3	2	1	...	1	10	34	32	12	42	2	44
...	...	9	16	23	16	22	16	8	12	11	7	5	5	122	28	86	64	145	5	150
1	....	10	13	20	9	10	2	3	1	1	2	..	....	63	9	26	46	44	28	72
21	29	35	44	45	47	40	38	28	33	24	2	11	20	386	98	237	247	447	37	484
....	...	...	...	1	....	...	....	..	...	....	...	...	...	1		...	1	1	...	1
...	.	1	2	3	1	2	3	1	..	....	1	.	1	16	4	8	12	15	5	20

TABLE NO. 4.

SHOWING DEATHS FROM SMALL-POX, MEASLES, SCARLATINA, DIPHTHERIA, CROUP, WHOOPING COUGH, TYPHOID FEVER, MALARIAL FEVER, PUERPERAL FEVER, DIARRHŒAL DISEASES, AND OTHER ZYMOTIC AFFECTIONS.

WARDS.	Small-Pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœal diseases, under five years.	Diarrhœal diseases, other ages.	Other zymotic diseases.	Total deaths from zymotic diseases.	Total deaths from all causes.
1st	....	...	1	4	1	1	2	4	...	17	2	6	38	285
2d	....	2	...	2	1	2	1	3	...	14	...	5	30	239
3d	...	..	....	5	1	4	9	8	..	23	4	6	60	399
4th	..	3	..	5	6	...	1	6	1	41	4	7	74	427
5th	....	1	..	4	5	1	2	4	...	20	4	3	44	293
6th	.. .	2	....	16	4	4	2	5	1	33	1	3	71	309
7th	....	...	...	11	2	7	2	7	...	27	3	1	60	316
8th	....	1	..	17	7	2	4	11	1	40	3	5	91	449
9th	....	...	1	13	11	2	2	5	...	18	7	....	59	313
10th	....	1	....	5	2	1	2	6	....	31	1	7	56	303
11th	....	....	...	15	6	3	5	21	....	28	2	5	85	503
12th	....	....	...	6	7	....	2	2	...	9	2	2	30	199
13th	....	....	1	13	3	3	4	11	..	21	2	4	62	302
14th	..	...	...	9	7	...	4	3	1	35	3	10	72	297
15th	....	2	...	5	1	1	1	12	...	23	2	8	55	301
16th	....	....	...	18	5	...	1	5	2	11	2	1	45	251
17th	....	...	...	3	2	1	4	5	....	16	1	10	42	355
18th	....	...	...	19	6	2	4	9	...	27	6	4	77	342
19th	..	....	...	11	1	3	22	13	1	12	18	11	92	713
20th	....	....	1	6	....	...	3	1	...	31	1	3	46	210
21st	...	....	...	7	1	2	4	3	1	12	13	22	65	626
22d	...	...	...	4	2	....	1	3	1	14	1	1	27	178
23d	...	...	..	8	...	...	...	4	...	26	3	2	33	236
24th	....	...	..	10	1	1	7	6	1	7	5	4	42	286
25th	..	1	2	12	3	1	2	1	....	17	4	3	46	261
26th	....	1	2	19	9	5	4	5	4	49	4	4	106	471
27th	...	3	...	14	8	1	9	7	...	56	8	11	118	687
28th	....	..	..	12	2	6	2	7	....	16	5	1	51	346
Totals	....	17	8	273	104	53	106	177	14	664	111	149	1677	9897

TABLE NO. 5.

COMPARATIVE MORTALITY, DEATHS FROM SEVEN PRINCIPAL ZYMOTIC DISEASES, ESTIMATED POPULATION BEING COMPUTED ON CENSUS FIGURES OF 1890, WITH 4 PER CENT ANNUAL INCREASE FOR 1896.

CITIES.	Estimated Population.	Total Deaths.	Annual Rate Per 1000.	Small-Pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Whooping Cough.	Typhoid Fever.	Diarrhoeal Diseases.
Baltimore	506,398	9,919	19.60	......	27	31	281	87	188	981
Boston	516,305	11,643	22.53	......	27	121	572	67	162	713
Brooklyn	1,125,000	22,501	22.0	1	333	150	1,310	179	163	1,697
Chicago	1,500,000	23,257	15.5	....	73	54	956	187	751	2,903
Cincinnati	350,000	5,916	16.90	.....	100	16	172	19	164	131
New Orleans	275,000	7,594	28.34	238	10	11	53	32	90	769
New York	1,934,077	41,622	21.52	1	714	402	1,763	435	297	2,874
Philadelphia	1,138,793	23,892	20.17	.....	191	61	1,149	158	402	2,099
San Francisco	330,000	6,036	18.29	......	1	6	74	24	85	......
St. Louis	570,000	9,897	17.3	....	17	8	377	53	106	775

TABLE NO. 6.

TOTAL NUMBER OF DEATHS IN DIFFERENT INSTITUTIONS.

	City Ambulance.	City Dispensary.	City Jail.	Woman's Hospital.	St. Mary's Infirmary.	St. Ann's Asylum.	Bethesda Home.	Pius Hospital.	Baptist Hospital.	Alexian Bros. Hospital.	U. S. Marine Hospital.	Home of the Friendless.	Evgl. Lutheran Hospital.	St. Joseph's Convent.	Good Samaritan Hospital.	Polyclinic Hospital.	St. John's Hospital.	Protestant Hospital.	St. Luke's Hospital.	Home of the Little Sisters.	Children's Hospital.	House of Good Shepherd.	Deaconess Hospital.
January	1	..	..	..	6	12	3	1	..	8	..	1	..	.	5	..	1	..	2	2	..	1	..
February	..	2	1	1	10	9	8	3	3	6	1	..	1	1	1	..	3	..	5	6	..	1	.
March	..	..	..	..	11	12	7	1	4	4	1	..	..	..	3	..	8	2	6	1	..	..	1
April	1	..	..	.	13	13	6	.	2	12	1	..	2	1	2	..	6	2	1	3	1	1	.
May	7	..	..	2	7	13	6	..	3	8	1	..	4	..	3	..	6	1	2	2	..	..	.
June	1	..	..	..	9	21	18	1	3	11	.	1	2	..	3	..	14	..	2	2	.	..	..
July	2	1	1	..	2	12	12	1	3	13	.	.	1	1	6	..	6	1	2	3	.	1	..
August	4	2	..	1	10	11	15	..	4	10	1	1	2	..	2	1	8	4	1	8	1	1	..
September	2	2	..	..	7	11	7	2	2	9	1	2	2	1	2	..	6	..	3	2	..	..	..
October	..	..	1	1	9	11	8	4	1	9	.	..	1	1	2	1	7	3	2	3	.	1	..
November	..	..	..	.	6	8	2	1	..	8	..	1	3	..	1	..	4	2	..	1	..	..	..
December	1	2	..	2	12	10	2	1	..	4	..	3	2	..	7	..	3	1	2	1	..	1	..
Total	17	9	3	7	102	143	94	15	25	102	6	9	20	5	37	2	72	16	28	34	2	7	1

	St. Phelomena's Convent.	City Hospital.	Mo. P. R. Rd. Hospital.	Martha Parsons Hospital.	Ursuline Convent.	Baptist Orphan Home.	Mullanphy Hospital.	Rebeccah Hospital.	Memorial Home.	Poor House.	City Insane Asylum.	Female Hospital.	Episcopal Orph. Home.	Baptist Sanitarium.	Visitation Convent.	White Cross Home.	Children's Nursery.	Emergency Home.	Sacred Heart Convent.	St. Vincent's Orph. Asylum.	Merchants' and Manf. Hosp.	St. Mary's Orphan Asylum.	Mayfield's Sanitarium.	Total.
January	..	61	2	.	..	..	2	1	..	6	1	19	.	3	1	..	..	.	..	..	..	..	..	139
February	..	64	2	..	..	..	8	2	.	6	2	15	.	2	..	..	.	..	1	.	..	..	..	164
March	..	76	2	..	..	..	6	3	1	5	6	13	..	1	..	..	9	..	..	..	.	.	..	183
April	..	120	1	..	..	..	10	4	.	10	3	14	.	4	..		1	..	..	..	..	..	..	234
May	..	52	1	..	..	..	9	..	1	9	5	4	1	1	1	1	6	5	..	..	..	..	..	159
June	..	53	..	1	1	..	7	1	..	10	5	17	..	2	..	..	..	..	..	..	..	..	..	185
July	..	57	1	..	..	..	7	1	..	13	4	13	..	2	1	..	..	..	..	..	.	..	..	167
August	..	102	1	..	.	..	7	1		13	7	15	..	1	..	1	..	..	2	1	..	..	..	238
September	..	69	1	..	.	..	8	1	1	7	2	19	..	1	..	..	..	..	..	..	..	..	..	170
October	..	57	2	..	1	..	9	1	..	6	3	14	..	1	..	..	..	..	..	..	1	..	.	160
November	..	50	2	..	..	1	3	1	..	4	5	13	..	2	..	..	..	..	..	..	2	1	1	122
December	1	73	2	..	..	..	4	2	..	4	6	15	..	3	..	.	..	..	..	..	1	..	..	165
Total	1	834	17	1	2	1	80	18	3	93	49	171	1	23	3	2	16	5	3	1	4	1	1	2086

TABLE NO. 7.

SHOWING NATIVITY OF DECEASED.

MONTHS, 1896.	St. Louis.	Missouri.	United States.	Canada.	England.	Ireland.	Scotland.	Wales.	Germany.	France.	Switzer-land	Austrian Empire.	Sweden and Norway.	Russia.	Nether-lands.	Denmark.	Italy.	China.	Other Foreign Countries.	Unknown.	Total.
January	358	33	182	1	9	61	4	....	98	5	3	7	1	1	....	1	5	....	5	20	794
February	332	35	176	2	11	63	2	....	111	5	5	8	3	4	....	....	1	....	1	21	780
March	318	49	203	2	12	67	3	....	114	1	4	8	1	....	2	....	1	1	3	22	811
April	323	58	212	5	16	80	4	....	127	5	3	12	5	1	2	2	4	....	5	23	887
May	356	46	159	....	12	54	2	1	108	6	7	7	....	....	1	....	1	....	2	17	779
June	657	45	170	3	11	67	6	1	120	4	3	3	2	6	2	1	2	1	4	19	1127
July	470	46	178	2	15	66	2	....	124	4	4	8	1	4	4	....	2	....	3	19	952
August	425	40	189	7	15	87	4	....	190	3	11	15	3	2	....	....	1	....	1	22	1015
September	289	33	156	2	10	48	1	....	102	6	6	8	2	2	2	1	2	....	2	10	682
October	263	27	163	5	9	63	3	....	133	1	9	9	1	....	....	4	....	1	....	19	710
November	271	20	134	3	11	53	1	....	103	1	3	9	1	1	2	....	....	....	4	15	632
December	280	51	183	1	9	50	1	....	107	4	4	9	2	3	....	....	1	....	3	20	728
Total	4342	483	2105	33	140	759	33	2	1437	35	62	103	22	24	15	9	20	3	33	227	9897

TABLE NO. 8.

SHOWING THE DISPOSITION MADE OF DECEDENTS, INCLUDING STILL-BIRTHS AND THOSE FROM OUTSIDE OF THE CITY.

MONTHS. 1896.	Bellefontaine Cemetery.	Bethania.	Bethlehem.	Black Jack.	Bissel's.	Calvary.	Central.	Chesed Shel Emeth.	Evgl. Lutheran.	Fee Fee.	Friedens.	Concordia.	Greenwood.	Holy Ghost.	Holy Trinity.	Mt. Olive.	Mt. Olive. Hebrew.	Mt. Sheereth. Hebrew.	National Cemetery, Jefferson Barracks.	New Bethlehem.	New Pickers.
January	94	16	5	.....	.....	214	.....	4	5	.....	16	5	43	36	31	12	2	2	2	4	32
February	74	16	5	1	1	207	1	4	5	1	15	15	43	30	41	12	2	2	1	5	22
March	65	17	2	.....	1	180	.....	8	9	1	15	8	40	37	50	16	3	2	.....	4	20
April	69	17	2	.....	1	180	.....	8	9	.....	15	8	50	41	62	17	3	2	.....	4	24
May	69	17	2	.....	.....	190	.....	8	9	.....	16	8	40	41	60	17	3	5	.....	4	24
June	123	33	8	2	.....	235	.....	17	9	.....	30	19	59	50	67	12	6	17	4	7	33
July	93	33	8	.....	.....	206	.....	17	4	.....	24	14	46	41	52	12	6	7	4	9	20
August	108	40	8	.....	.....	216	.....	27	10	.....	26	14	50	44	50	12	7	7	4	7	24
September	69	8	5	2	1	166	1	7	6	2	20	6	35	30	36	5	3	4	3	7	21
October	80	20	8	.....	1	143	1	5	7	.....	15	11	46	33	51	7	3	6	2	3	19
November	68	20	7	.....	.....	147	.....	5	4	.....	16	7	23	34	40	8	4	4	1	4	20
December	79	17	4	1	.....	166	.....	3	4	.....	16	8	40	30	42	11	3	2	.....	16	30
Total	991	254	64	6	5	2250	3	113	81	4	224	123	515	447	582	141	45	60	21	74	289

TABLE NO. 8.— *Continued.*

MONTHS. 1896.	Oak Dale.	Potter's Field.	St. Ann's.	St. Marcus.	St. Mathews.	St. John's.	St. Paul's.	SS. Peter and Paul.	St. Peter's.	Salem.	Wesleyan.	West Evgl. Lutheran.	Zion's.	Retained for Anatomical Purposes.	Shipped out of the City.	Assigned to the Anatomical Board.	Cremated in Mo. Crematory.	Mt. Sinai.	Odd Fellows.	TOTAL.
January	6	29	2	45	45	6	11	75	56	3	4	6	7	1	45	30	7	.....	2	903
February	6	42	2	35	22	6	11	85	56	3	4	6	7	2	50	31	3	6	2	882
March	6	30	.....	40	21	8	12	96	45	5	12	2	7	3	80	37	4	5	2	903
April	6	43	.....	49	23	8	12	100	53	5	12	2	7	2	76	61	5	5	4	985
May	6	40	.....	42	23	8	12	99	49	5	12	3	8	1	52	11	11	5	7	907
June	6	60	4	48	44	15	27	119	46	3	11	8	11	.....	52	29	8	9	4	1234
July	6	60	5	48	44	10	20	98	44	3	9	8	6	1	60	12	7	9	4	1049
August	6	65	4	48	44	10	22	106	56	3	10	9	8	.....	59	7	14	9	4	1139
September	4	49	5	30	24	4	5	78	40	2	5	5	6	.....	48	24	2	6	2	776
October	1	46	1	21	29	8	10	66	40	2	7	6	5	.....	56	27	10	5	1	802
November	4	37	1	24	18	8	8	85	37	3	2	1	7	.....	39	16	7	3	1	715
December	3	50	.....	41	33	10	7	70	32	1	3	4	9	.....	52	37	8	4	2	849
Total	60	551	24	471	370	101	157	1,077	554	38	91	60	88	10	669	322	86	66	35	11134

TABLE NO. 9.

DECEDENTS RECEIVED FROM OUTSIDE THE CITY, AND PLACES OF DEATH.

JANUARY.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Albuquerque, N. M	1	..	..	1	1	..	1	Milbank, S. D	1	..	1	..	1	..	1
Baden, Baden, Ill	..	1	1	..	1	..	1	Murphysboro, Ill	..	1	1	..	1	..	1
Chicago, Ill	2	..	1	1	2	..	2	New Albany, Ind	1	..	1	..	1	..	1
Centralia, Ill	..	1	1	..	1	..	1	New Orleans, La	1	..	..	1	1	..	1
Colorado Springs, Col	1	..	..	1	1	..	1	Pevely, Mo	..	1	1	..	1	..	1
East St. Louis, Ill.	2	2	2	2	4	..	4	San Antonio, Tex	1	..	1	..	1	..	1
Effingham, Ill	..	1	..	1	1	..	1	Springfield, Ill.	1	..	..	1	1	..	1
Fulton, Mo.	1	..	..	1	1	..	1	St. Louis County, Mo	4	5	7	2	9	..	9
Galveston, Tex	..	1	..	1	1	..	1	St. Joseph, Mo	..	1	1	..	1	..	1
Half Moon Bay, Cal	1	..	..	1	1	..	1	Tucson, Ariz	..	1	1	..	1	..	1
Jerseyville, Ill.	1	..	1	..	1	..	1	Ventura, Cal	1	..	..	1	1	..	1
Kansas City, Mo	..	2	2	..	2	..	2	Washington, D. C	..	1	1	..	1	..	1
Louisville, Ky	1	..	1	..	1	..	1	Wynne, Ark	1	..	1	..	1	..	1
Madison, Ill	1	..	1	..	1	..	1								
Malden, Mo	1	..	..	1	1	..	1	Total	23	18	26	15	41	..	41

FEBRUARY.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Barry, Ill	..	1	1	..	1	..	1	Minneapolis, Minn	..	1	1	..	..	1	1
Boonville, Mo	1	..	..	1	1	..	1	Newport, Ill.	..	1	1	..	1	..	1
Cincinnati, Ohio	1	..	..	1	1	..	1	New York City	1	..	..	1	1	..	1
Cleveland, Ohio	..	1	1	..	1	..	1	Oakland, Cal	..	1	1	..	1	..	1
Dallas, Tex	1	..	1	..	1	..	1	Pittsburg, Pa	1	..	..	1	1	..	1
Denver, Col	1	..	..	1	1	..	1	San Antonio, Tex	1	..	1	..	1	..	1
East St. Louis, Ill	6	2	4	4	8	..	8	San Francisco, Cal	2	..	..	2	2	..	2
Glasgow, Mo	..	1	1	..	1	..	1	St. Louis County	5	2	1	6	7	..	7
Harrisonville, Ill	1	1	..	2	2	..	2	Tyler, Tex	1	..	..	1	1	..	1
Keokuk, Iowa	..	1	1	..	1	..	1								
Madison County, Ill	1	..	..	1	1	..	1	Total	23	12	14	21	34	1	35

MARCH.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Allegheny, Pa	..	1	1	..	1	..	1	Memphis, Tenn	1	..	..	1	1	..	1
Covington, Ky	1	..	..	1	1	..	1	New Orleans, La	1	..	1	..	1	..	1
Danville, N. Y.	1	..	1	..	1	..	1	Ocean Springs, Miss	1	..	1	..	1	..	1
East St. Louis, Ill	4	2	5	1	5	1	6	Orange, N. J	1	1	2	..	2	..	2
Enid, O. T	1	..	1	..	1	..	1	Philadelphia, Pa	..	1	1	..	1	..	1
French Village, Ill	1	..	..	1	1	..	1	Plattsmouth, Neb	..	1	1	..	1	..	1
Kansas City, Mo	1	..	1	..	1	..	1	Ranger, Tex	1	..	1	..	1	..	1
Kennett, Mo	..	1	1	..	1	..	1	Sioux City, Iowa	..	1	1	..	1	..	1
Lincoln, Neb	1	..	1		1	..	1	St. Louis County.	8	4	5	7	12	..	12
Los Angeles	..	1	1	..	1	..	1	Washington, D. C	1	..	1	..	1	..	1
Louisville, Ky	..	1	1	..	1	..	1								
Madison County, Ill	1	2	1	2	3	..	3	Total	25	16	28	13	40	1	41

TABLE NO. 9.—*Continued.*

APRIL.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single	White.	Colored.	Total.
Arkadelphia, Ark	..	1	1	..	1	..	1	Millwood, Mo	1	..	1	..	1	..	1
Chicago, Ill	1	1	..	2	1	1	2	Mississippi River	3	..	1	2	2	1	3
Crains Island	1	..	1	..	1	..	1	Mt. Vernon, Ill	1	..	1	..	1	..	1
East St. Louis, Ill	..	4	2	2	4	..	4	New Orleans, La	..	1	1	..	1	..	1
Fairfield, Ill	1	..	1	..	1	..	1	Red House, Ill	1	..	1	..	1	..	1
Fulton, Mo	..	1	1	..	1	..	1	San Antonio, Tex	..	1	..	1	1	..	1
Granite City, Ill	1	..	1	..	1	..	1	St. Joseph, Mo	1	..	..	1	1	..	1
Kansas City, Mo	2	..	1	1	1	1	2	St. Louis County	1	4	3	2	5	..	5
King's Lake, Mo	1	..	1	..	1	..	1	Washington, D. C	1	..	1	..	1	..	1
Madison County, Ill	2	..	1	1	2	..	2	Wellsville, Mo	1	..	1	..	1	..	1
Mascoutah, Ill	..	1	..	1	1	..	1								
Memphis, Tenn	..	1	..	1	1	..	1	Total	19	15	20	14	31	3	34

MAY.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Alma, Ark	1	..		1	1	..	1	Pittsfield, Ill	1	..	1	..	1	..	1
Bucklin, Mo	..	1	..	1	1	..	1	Phoenix, Ariz	1	..	..	1	1	..	1
Cairo, Egypt	1	..	1	..	1	..	1	Pueblo, Col	..	1	1	..	1	..	1
Chicago, Ill	1	2	1	2	3	..	3	Quincy, Ill	1	..	1	..	1	..	1
Citronelle, Ala	..	1	1	..	1	..	1	Rockdale, Tex	..	1	..	1	1	..	1
Denison, Tex	1	..	1	..	1	..	1	San Antonio, Tex	..	1	..	1	1	..	1
East St. Louis, Ill	13	2	10	5	14	1	15	San Remo, Italy	..	1	1	..	1	..	1
Elkins, W. Va	..	1	..	1	1	..	1	St. Louis County	6	2	3	5	8	..	8
Florence, Col	1	..	..	1	1	..	1	Steelville, Mo	..	1	1	..	1	..	1
Gaborette Slough, Ill	1	..	1	..	1	..	1	Taylor, Tex	..	1	1	..	1	..	1
Jefferson City, Mo	1	..	..	1	1	..	1	Vincennes, Ind	..	1	..	1	1	..	1
Kansas City, Mo	..	1	1	..	1	..	1	Washington, D. C	..	1	1	..	1	..	1
Madison County, Ill	4	..	2	2	4	..	4	Wolf Creek, W. Va	1	..	1	..	1	..	1
Mississippi River	5	..	..	5	4	1	5								
Moberly, Mo	..	1	1	..	1	..	1	Total	40	19	30	29	57	2	59
Near Kaskaskia, Ill	1	..	..	1	1	..	1								

JUNE.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored	Total.
Alma, Mo	1	..	..	1	1	..	1	Mamaroneck, N. Y	1	..	1	..	1	..	1
Bunker Hill, Ill	..	1	1	..	1	..	1	Madison County, Ill	1	1	2	..	2	..	2
Chicago, Ill	1	..	..	1	1	..	1	Mississippi River	6	1	3	4	7	..	7
Columbia, Ill	..	1	..	1	1	..	1	Salt Lake City, Mo	1	..	1	..	1	..	1
Decatur, Ill	1	..	1	..	1	..	1	St. Louis County, Mo.	9	1	4	6	9	1	10
De Soto, Mo	1	..	..	1	1	..	1	Summerfield, Ill	1	1	1	1	2	..	2
Des Peres, Mo	..	1	1	..	1	..	1	Wagner, I. T	1	..	..	1	1	..	1
East St. Louis, Ill	3	1	..	4	4	..	4	Yonkers, N. Y	..	1	1	..	1	..	1
Henderson, Tenn	1	..	1	..	1	..	1								
Jacksonville, Ill	1	..	..	1	1	..	1	Total	30	9	17	22	37	2	39
Kansas City, Mo	1	..	..	1	..	1	1								

TABLE NO. 9. — *Continued.*

JULY.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Chicago, Ill.	1	..	1	..	1	..	1
Concord, N. C.		1	1		1	..	1
Dallas, Tex.	..	1	1	..	1	..	1
Decatur, Ill.	..	1	..	1	1	..	1
Deer Plain, Ill.	1	..	..	1	1	..	1
East St. Louis, Ill.	..	1	1	..	1	..	1
Granite City, Ill.	.	1	..	1	1	..	1
Hamilton, Ohio.	1	..	1	..	1	..	1
Hot Springs, Ark.	1	..	1	..	1	..	1
Ironton, Mo.	.	1	1	..	1	..	1
Jefferson Co., Mo.	1	..	..	1	1	..	1
Jerseyville, Ill.	1	..	1	..	1	..	1
Leavenworth, Kan.	..	1	1	..	1	..	1
Little Boar's Head, N. H.	.	1	1	..	1		1
Milwaukee, Wis.	..	1	..	1	1	..	1
Mississippi River	3	..	2	1	3	..	3
Near Edwardsville, Ill	1	..	1	..	1	..	1
Near Forest, Ill.	1	..	..	1	1	..	1
Near Red Bud, Ill	..	1	1	..	1	..	1
New York	1	..	.	1	1	..	1
Poplar Bluff, Mo.	..	1	..	1	1	..	1
Salt Lake City, Utah.	1	..	1	..	1	..	1
South Riverside, Cal.	1	.	1	..	1	..	1
St. Louis County, Mo	8	3	2	9	11	..	11
Venice, Ill.	1	..	..	1	1	..	1
Total	23	14	18	19	37	..	37

AUGUST.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Alma, Mich.	1	.	1	..	1	..	1
Aurora, Ill	..	1	1	..	1	..	1
Cabot, Ark.	1	..	1	..	1	..	1
Chicago, Ill.	1	1	..	2	2	..	2
Collinsville, Ill	..	1	1	..	1	..	1
Columbia, Mo	1	..	..	1	1	..	1
Denver, Col.	1	..	..	1	1	..	1
Des Arc, Mo.	1	..	1	..	1	..	1
East St. Louis, Ill.	2	2	2	2	3	1	4
Evansville, Ind.	1	.	1	..	1	..	1
Galveston, Tex.	.	1	1	..	1	..	1
House's Springs, Mo.	1	.	..	1	1	..	1
Jefferson County, Mo	3	1	1	3	4	..	4
Madison County, Ill.	1	3	..	4	4	..	4
Memphis, Tenn.	1	..	1	..	1	..	1
Mississippi River	4	..	..	4	4	..	4
Nevada, Mo.	1	..	1	..	1	..	1
New Orleans, La.	1	1	2	..	2	..	2
Okawville, Ill.	1	..	1	..	1	..	1
Omaha, Neb.	..	1	..	1	1	..	1
On Steamer Paducah	1	..	1	.	1	..	1
Parsons, Kan.	1	..	..	1	1	..	1
Pocahontas, Ill.	1	..	..	1	1	..	1
Put-in-Bay, Ohio	1	..	1	..	1	..	1
Rock Hill, Mo.	..	1	1	..	1	..	1
St. Louis County, Mo	9	2	4	7	11	..	11
South Portland, Me.	1	..	1	..	1	..	1
West of Hannibal, Mo.	..	1	1	..	1	..	1
Wilson, Kan	..	1	1	..	1	..	1
Total	36	17	25	28	52	1	53

SEPTEMBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Augusta, Mo	..	1	.	1	1	..	1
Belleville, Ill	..	1	1	..	1	..	1
Cleryville, Mo.	1	..	1	..	1	..	1
Carterville, Ill	1	..	1	..	1	..	1
Chicago, Ill.	.	1	..	1	1	..	1
Fulton, Mo.	1	..	1	..	1	..	1
LaSalle County, Ill	1	..	1	..	1	..	1
Lake Geneva, Wis	1	..	1	..	1	..	1
Lookout Mountain.	1	..	..	1	1	..	1
Madison County, Ill.	2	2	2	2	2	2	4
Memphis, Tenn.	1	..	1	..	1	..	1
Monroe County, Ill.	1	..	1	..	1	..	1
Near Labadie, Mo.	1	..	..	1	1	..	1
Near Novena, Idaho.	1	..	1	..	1	..	1
Nevada, Mo	1	..	..	1	1	..	1
Quebec, Canada	..	1	1	..	1	..	1
Ravena, Ohio.	..	1	..	1	1	..	1
St. Louis County.	2	7	3	6	8	1	9
St. Paul, Mo.	1	..	1	..	..	1	1
St. Clair County, Ill.	2	..	2	..	2	..	2
Total	18	14	18	14	28	4	32

TABLE NO. 9—*Continued.*

OCTOBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Albuquerque, N. M	..	1	1	..	1	..	1	Los Angeles, Cal	1	..	..	1	1	..	1
Atlanta, Ga	1	..	1	..	1	..	1	Memphis, Tenn	1	1	2	..	2	..	2
Bismarck, Mo	1	..	1	..	1	..	1	Missoula, Mont	2	..	2	..	2	..	2
Clarksville, Tenn	..	1	1	..	1	..	1	Mississippi River	1	..	..	1	1	..	1
Dallas, Tex	1	..	..	1	1	..	1	New Orleans, La	1	..	..	1	1	..	1
Denver, Col	1	1	1	1	2	..	2	St. Louis County, Mo	8	3	6	5	11	..	11
East St. Louis, Ill	1	3	2	2	4	..	4	Venice, Ill	..	2	2	..	2	..	2
Falling Springs, Ill		2	..	2	2	..	2	West Indianapolis, Ind	..	1	..	1	1	..	1
Fort Scott, Kan	1	..	1	..	1	..	1	Winchester, Mass	..	1	..	1	1	..	1
Hannibal, Mo	1	..	1	..	1	..	1								
Kansas City, Mo	1	..	1	..	1	..	1	Total	22	16	22	16	38	..	38

NOVEMBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Albuquerque, N. M	1	..	..	1	1	..	1	Keokuk, Iowa	..	1	1	..	1	..	1
Auburn, Ill	..	1	1	..	1	..	1	Madison, Ill	1	..	..	1	1	..	1
Belleville, Ill	1	..	..	1	1	..	1	Marshall, Mo	..	1	1	..	1	..	1
Clarksville, Mo	1	..	..	1	1	..	1	Marshalltown, Ill	1	..	1	..	1	..	1
Chicago, Ill	1	..	..	1	1	..	1	Memphis, Tenn	..	1	..	1	1	..	1
Decatur, Ill	1	..	..	1	1	..	1	Oakland, Cal	..	1	1	..	1	..	1
Denver, Col	1	..	1	..	1	..	1	San Francisco, Cal	1	1	..	2	2	..	2
East St. Louis, Ill	1	3	2	2	4	..	4	St. Louis County, Mo	3	3	3	3	6	..	6
Gillespie, Ill	1	..	1	..	1	..	1								
Jerseyville, Ill	..	1	..	1	1	..	1	Total	15	13	13	15	28	..	28
Kansas City, Mo	1	..	1	..	1	..	1								

DECEMBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Chicago, Ill	..	2	2	..	2	..	2	Madison County, Ill	3	..	1	2	3	..	3
Dallas County, Ark	1	..	1	..	1	..	1	Monclair, N. Y	..	1	1	..	1	..	1
Denton, Tex	1	..	..	1	1	..	1	New York City	..	1	1	..	1	..	1
Des Moines, Iowa	..	1	..	1	1	..	1	Pueblo, Col	..	1	1	..	1	..	1
Dresden, Germany	1	..	1	..	1	..	1	St. Louis County, Mo	5	3	5	3	8	..	8
East St. Louis, Ill	2	4	2	4	6	..	6								
Hot Springs, Ark	1	..	1	..	1	..	1	Total	15	13	17	11	28	..	28
Little Rock, Cal	1	..	1	..	1	..	1								

TABLE NO. 10.

SHOWING CREMATIONS AND CAUSES OF DEATH.

JANUARY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Sarcoma Mammæ	.	1	1	..	1	..	1	Kansas City, Mo.
Apoplexy	1	..	1	..	1	..	1	Wynne, Ark.
Phthisis Pulmonalis	1	..	1	..	1	..	1	St. Louis.
Valvular Disease of the Heart	1	.	1	..	1	..	1	“
Typhoid Fever	..	1	..	1	1	..	1	“
Œdema Lungs	1	..	1	..	1	.	1	“
Carbuncle	1	..	1	..	1	..	1	“
Total	5	2	6	1	7	..	7	

FEBRUARY.	Male.	Female.	Married.	Single	White.	Colored	Total.	WHERE DIED.
Apoplexy	..	1	1	..	1	..	1	St. Louis.
Metro Peritonitis	..	1	1	..	1	..	1	“
Anæmia	..	1	1	..	1	..	1	“
Total	..	3	3	..	3	..	3	

MARCH.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Cirrhosis of Liver	1	..	1	..	1	..	1	St. Louis.
Broncho Pneumonia	1	..	..	1	1	..	1	“
Intestinal Obstruction	1	.	1	..	1	.	1	“
Chronic Pneumonia	..	1	1	..	1	..	1	Kansas City, Mo.
Total	3	1	3	1	4	..	4	

APRIL.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Cerebral Embolism	..	1	1	..	1	..	1	St. Louis.
Pneumonia	1	.	1	..	1	..	1	“
Apoplexy	1	..	1	..	1	..	1	“
Senilty	1	..	1	..	1	..	1	“
Gunshot wound	1	..	1	..	1	..	1	Mt. Vernon, Ill.
Total	4	1	5	..	5	..	5	

MAY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Pneumonia	1	..	..	1	1	..	1	St. Louis, Mo.
Cirrhosis of Liver	1	..	1	..	1	..	1	“
Paretic Dementia	1	..	1	..	1	..	1	“
Nephritis	1	..	1	..	1	..	1	“
Suicide	..	1	.	1	1	..	1	“
Injuries by the Cyclone	2	1	3	..	3	..	3	“
Peritonitis	.	1	1	..	1	.	1	Kansas City, Mo.
Pulmonary Tuberculosis	1	..	..	1	1	..	1	Quincy, Ill.
Heart Disease	1	..	1	..	1	..	1	Pittsfield, Ill.
Total	8	3	8	3	11	..	11	

TABLE NO. 10.—*Continued.*

JUNE.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Cerebral Apoplexy	1	..	1	..	1	..	1	St. Louis, Mo.
Valvular Disease of Heart	1	..	..	1	1	..	1	"
Diabetes Mellitus	1	..	1	..	1	..	1	"
Pneumonitis	1	..	1	..	1	..	1	"
Suicide	1	..	1	..	1	..	1	"
Cancer	1	1	2	..	2	..	2	"
Intestinal Obstruction	..	1	1	..	1	..	1	Muncie, Ind.
Total	6	2	7	1	8	..	8	

JULY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Injuries, Accident	1	..	..	..	1	..	1	St. Louis, Mo.
Bright's Disease	1	..	1	1	1	..	1	"
Valvular Disease of Heart	1	..	..	..	1	..	1	"
Morphine Poisoning, Accident	1	..	1	1	1	.	1	"
Locomotor Ataxia	1	.	1	..	1	..	1	"
Nephritis	1	..	1	..	1	..	1	"
Cholera Infantum	1	..	..	1	1	..	1	Ellendale, Mo.
Total	7	..	4	3	7	..	7	

AUGUST.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Typho-Malarial Fever	1	..	1	..	1	..	1	St. Louis, Mo.
Insolation	6	..	5	1	6	..	6	"
Nephritis	1	..	1	..	1	..	1	"
Suicide	2	.	1	1	2	..	2	"
Gastric Fever	..	1	1	..	1	..	1	"
Injuries, Accident	1	.	1	..	1		1	"
Cancer	.	1	..	1	1	..	1	"
Cerebral Embolism	1	..	1	..	1	..	1	St. Louis County.
Total	12	2	11	3	14	..	14	

SEPTEMBER.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Typhoid Fever	..	1	..	1	1	..	1	St. Louis, Mo.
Hepatic Tumor	1	..	1	..	1	..	1	"
Total	1	1	1	1	2	..	2	

OCTOBER.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Apoplexy	1	..	1	..	1	..	1	St. Louis, Mo.
Surgical Shock	..	1	1	..	1	..	1	"
Asthenia	1	..	1	..	1	..	1	"
Myelitis	..	1	1	.	1	..	1	"
Cancer	1	..	.	1	1	..	1	"
Cerebral Tumor	1	..	1	.	1	..	1	"
Angina Pectoris	1	..	1	..	1	..	1	"
Suicide	1	..	1	..	1	..	1	"
Paralysis of Heart	1	..	1	..	1	..	1	Fort Scott, Kan.
Bright's Disease	1	..	1	..	1	..	1	Memphis, Tenn.
Total	8	2	9	1	10	..	10	

TABLE NO. 10 — *Continued.*

NOVEMBER.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Pneumonia	1	..	1	..	1	..	1	St. Louis, Mo.
Senile Debility	..	1	1	..	1	..	1	"
Œdema Pulmonum	1	.	1	..	1	..	1	"
Cirrhosis of Liver	1	..	.	1	1	..	1	"
Nephritis	1	..	1	..	1	..	1	"
Valvular Disease, Heart	1	..	1	..	1	..	1	"
Myelitis	1	..	1	..	1	..	1	"
Total	6	1	6	1	7	..	7	

DECEMBER.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Bronchitis	1	.	1	..	1	..	1	St. Louis, Mo.
Pyelo-Nephritis	..	1	1	..	1	..	1	"
Uraemia	1	..	1	..	1	..	1	"
Senility	1	..	1	..	1	..	1	"
Tuberculosis	1	.	..	1	1	..	1	"
Fatty Degeneration of Heart	1	..	1	..	1	..	1	"
Diabetes	1	..	1	..	1	..	1	"
Paralysis	..	1	1	..	1	..	1	"
Total	6	2	7	1	8	..	8	

TABLE NO. 11.

SHOWING COMPARATIVE MORTALITY FROM FOURTEEN PROMINENT CAUSES OF DEATH FOR TEN YEARS, 1887 TO 1896, INCLUSIVE.

CAUSES OF DEATH.	YEAR.	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896
Consumption,	8763	829	800	655	843	869	882	984	875	1000	1026
Pneumonia,	7232	586	728	598	601	932	705	879	672	677	854
Heart Diseases,	4836	396	407	398	469	504	583	536	478	515	550
Cholera Infantum,	4801	324	488	357	435	429	444	570	538	552	664
Brain and Nervous System,	4142	406	384	375	399	431	506	393	372	442	434
Convulsions and Trismus,	3757	437	408	408	444	414	392	384	342	286	242
Diphtheria,	3728	927	564	345	185	250	195	227	240	522	273
Marasmus,	3631	392	368	335	336	345	424	388	374	350	319
Enteritis,	3391	549	235	212	230	275	516	403	344	331	296
Typhoid Fever,	1737	116	130	146	140	165	441	215	171	107	106
Apoplexy,	1402	117	133	146	132	143	135	166	134	141	155
Croup,	1243	185	167	94	58	90	91	144	139	171	104
Scarlet Fever,	661	48	30	114	87	96	150	79	29	20	8
Small-Pox,	95	1	10		5	5		1		73	
Total,	49.419	5313	4852	4183	4364	4948	5464	5369	4708	5187	5031

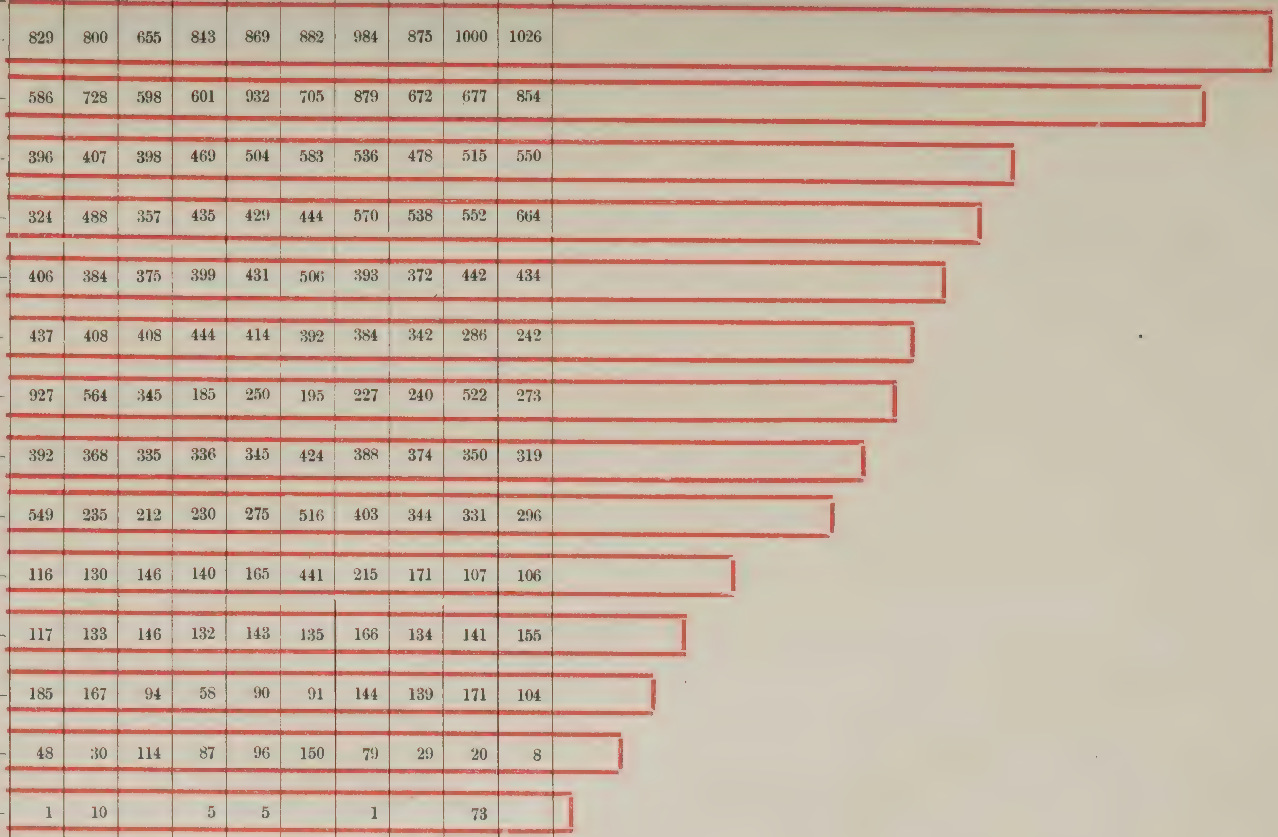

TABLE NO. 12.

SHOWING BIRTHS REPORTED DURING 1896.

		COLOR.		SEX.		NATIVITY OF PARENTS.									Name of Child.		
										Nativity of Father stated only.		Nativity of Mother stated only.					
	Total.	White.	Colored.	Male.	Female.	Foreign.	Native.	Foreign, Father only.	Foreign, Mother only.	Native.	Foreign.	Native.	Foreign.	Not stated.	Stated.	Not stated.	Still-born.*
January	1,075	1,004	71	551	524	340	460	153	54	5	6	4	9	44	915	160	68
February	950	891	59	459	491	280	395	151	48	5	8	4	10	49	810	140	67
March	911	850	61	463	448	267	370	148	45	6	7	5	9	54	776	135	51
April	863	812	51	429	434	252	354	145	40	3	6	6	8	49	734	129	64
May	831	782	49	425	406	249	345	139	35	2	4	5	7	45	706	125	69
June	816	766	50	421	395	250	335	138	34	2	3	4	6	44	686	130	68
July	952	887	65	467	485	290	410	151	42	3	4	5	7	40	800	152	60
August	927	867	60	451	476	280	399	150	43	2	5	4	6	38	783	144	71
September	990	921	69	501	489	301	416	155	51	3	6	5	8	45	815	175	62
October	1,061	986	75	520	541	324	437	165	59	4	7	4	10	51	876	185	54
November	987	917	70	481	506	301	413	160	53	3	6	4	7	40	817	170	55
December	918	852	66	451	467	285	380	151	49	2	5	3	8	35	763	155	83
Total	11,281	10,535	746	5,619	5,662	3,419	4,714	1,806	553	40	67	53	95	534	9,481	1,800	772

* The Still-births are not included in the births; the returns of both are incomplete.

TABLE NO. 13.

SHOWING THE REPORTED MORTALITY FOR JANUARY, 1896.

The annual death rate per 1,000 during the month was 16.71, this being based on a popu-
annual increase. During the month there were 16 more deaths than the previous month.
not included in the monthly statement. Percentage of deaths in eleemosynary and other
stitutions to total mortality, 11. White population, 538,000; mortality rate per thousand,

CAUSES OF DEATH.	Total deaths reported during January, 1896.	Total deaths reported during January, 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	794	703	164	45	24	21	14	238	30
Total Zymotic Diseases	133	104	16	24	12	15	10	73	4
Total Constitutional Diseases	140	121	16	3	2	....	....	17	4
Total Local Diseases	369	360	78	16	10	5	3	97	15
Total Developmental Diseases	100	79	52	1	....	....	....	46	7
Total Deaths by Violence	51	39	2	1	...	1	1	5	....
Total Unknown	1	....	....	....	....	....	...	...	....
Small-Pox	.....	....	....	....	....	....	....	...	....
Measles	1	....	....	1	....	....	....	1	....
Scarlatina	3	3	1	1	....	...	...	2	....
Diphtheria	47	37	...	10	7	8	7	32	....
Croup	20	13	....	7	3	2	2	14	...
Tonsilitis	1	....	....	....	....	1	....	1	....
Whooping Cough	2	...	1	1	....	....	....	2	....
Typhoid Fever	4	12	....	....	....	....	....	....	....
Cerebro-Spinal Fever	4	2	2	....	....	1	....	2	1
Rem't, Interm., Typ.-Mal'l, Cong. & S'ple Con. Fevs	13	10	2	1	1	....	....	4	....
Puerperal Fever	1	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	14	19	9	3	1	....	1	12	2
Diarrhœal Diseases: Other ages	9	3	....	....	....	....	....	....	....
Erysipelas	1	...	....	....	....	....	....	....	....
Pyæmia and Septicæmia	2	2	....	....	....	1	....	1	....
Syphilis	3	1	1	....	...	1	....	1	1
Alcoholism	7	1	....	....	....	....	....	....	....
Other Zymotic Diseases	1	....	...	....	....	1	....	...	....
Cancer and Malignant Tumor	22	15	...	....	...	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	86	78	....	....	1	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	18	13	12	2	....	....	....	11	3
Hydrocephalus, Tubercular Meningitis, etc.	5	7	2	1	1	....	....	3	1
Rheumatism and Gout	3	2	...	...	...	....	....	....	....
Other Constitutional Diseases	5	6	2	....	...	....	....	2	....
Bronchitis	55	53	25	6	3	...	....	29	5
Pneumonia	71	74	15	3	5	1	....	20	4
Other Diseases Respiratory Organs	23	26	2	1	1	1	1	6	....
Diseases of Circulatory System	43	51	...	....	....	....	....	.	....
Meningitis and Encephalitis	9	13	5	3	....	...	....	8	....
Convulsions and Trismus	16	14	13	1	1	1	....	14	2
Heat Stroke	.....	...	...	....	....	....	....	...	....
LaGrippe	8	1	2	1	....	....	....	3	....
Apoplexy	7	13	...	....	....	....	...	....	....
Other Diseases of the Brain and Nervous System	41	38	13	....	....	1	....	10	4
Cirrhosis of Liver and Hepatitis	16	13	...	....	...	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis and Gastritis	18	31	3	....	....	....	....	3	....
Bright's Disease and Nephritis	33	21	....	1	....	....	....	1	....
Other Diseases Urinary Organs	15	4	....	....	....	....	1	1	....
Diseases Generative Organs	5	4	....	....	....	...	....	..	....
Diseases Locomotory Organs	6	2	...	....	....	....	1	1	....
Diseases of the Integument	2	...	....	....	....	1	....	1	....
Other Local Diseases	1	2	....	....	....	...	....	....	....
Cyanosis	4	...	4	....	...	....	....	4	....
Inanition	11	8	11	....	....	....	....	9	2
Premature Birth	7	10	7	....	....	....	....	6	1
Puerperal Diseases (not including Puerperal Fever)	7	8	....	...	....	....	....	....	....
Senility	40	38	....	....	....	....	....	...	....
Other Developmental Diseases	31	15	30	1	...	....	....	27	4
Surgical Operations	2	2	....	....	....	1	....	1	....
Deaths by Suicide	9	8	...	....	...	...	....	....	...
Deaths by Homicide	6	8	....	...	...	...	....	...	....
Deaths by Accident	34	21	2	1	....	1	1	5	....
Execution by Warrant of Law	.....	....	....	....	....	....	....	....	...
Unknown	1	....	...	....	....	....	....	....	....

TABLE NO. 13.—*Continued.*

lation of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Forty-one certificates were issued for deaths occurring outside the city limits; these were
institutions of a public character to total mortality, 17.5. Percentage of deaths in city in-
15.56. Colored population, 32,000; mortality rate per thousand, 36.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
26	12	21	42	49	35	30	45	32	44	36	27	46	80	432	362	339	455	698	96	794
22	3	1	2	3	4	2	6	3	2	3	1	2	2	71	62	20	113	126	7	133
1	2	5	22	13	13	10	17	9	5	4	2	8	8	68	72	66	74	113	27	140
3	6	6	7	24	12	14	20	17	35	28	22	30	33	203	166	192	177	322	47	369
....	...	1	1	2	3	....	....	...	...	..	1	4	35	44	56	42	58	91	9	100
...	1	8	10	7	3	3	2	3	2	1	1	2	2	45	6	19	32	45	5	51
....	....	....	..	....	..	1	...	...	...	....	....	..	....	1	....	....	1	1	....	1
....	....	....	....	....	...	....	...	....	....	...	...	....	....	...	...	...	...	...	...	.....
....	....	....	....	....	....	....	...	....	..	...	....	...	....	....	1	...	1	1	...	1
1	....	....	....	...	....	....	...	....	....	....	....	....	....	...	3	....	3	3	....	3
14	1	....	....	...	..	....	....	....	....	....	....	....	...	23	24	....	47	47	....	47
5	1	....	....	..	....	....	....	....	....	...	....	...	...	12	8	....	20	20	....	20
....	....	....	...	....	....	....	...	....	...	...	....	....	...	....	...	...	1	1	..	1
....	..	....	....	....	....	....	....	....	....	....	....	....	...	2	...	...	2	2	...	2
....	....	....	1	2	...	...	....	...	....	1	...	...	...	2	2	2	2	3	1	4
....	....	....	....	...	1	....	....	....	....	....	...	...	...	1	3	1	3	3	1	4
2	1	....	1	....	....	....	....	1	1	1	1	1	...	7	6	6	7	13	....	13
....	....	....	....	....	1	....	...	...	....	....	....	....	..	...	1	1	....	1	...	1
....	...	....	....	....	....	..	....	....	....	....	..	....	....	8	6	...	14	12	2	14
....	....	1	....	....	....	....	2	2	....	1	...	1	2	4	5	4	5	9	...	9
....	....	...	....	....	....	....	1	...	....	....	....	...	...	1	...	1	...	....	1	1
....	....	....	....	....	....	...	1	...	....	....	....	...	....	1	1	....	2	2	...	2
....	....	....	....	....	1	...	....	....	....	...	..	....	....	2	1	1	2	1	2	3
....	....	....	....	1	1	2	2	...	1	....	...	...	...	6	1	5	3	7	...	7
....	....	....	....	....	....	....	...	....	....	..	....	....	...	2	....	....	1	1	...	1
....	....	....	....	....	2	1	2	3	2	2	2	3	6	11	12	18	5	22	1	23
1	1	5	19	13	11	9	13	6	2	1	....	3	1	41	45	42	44	65	21	86
....	....	....	1	..	....	...	1	....	1	....	....	...	1	9	9	2	16	14	4	18
....	....	....	1	....	...	...	...	...	....	...	....	....	....	3	2	...	5	4	1	5
....	....	....	1	....	...	....	...	...		....	....	2	....	2	1	2	1	3	....	3
....	1	...	....	....	..	..	1	....	...	1	...	....	...	2	3	2	3	5	....	5
1	....	....	1	....	2	....	...	1	....	4	2	5	5	27	28	15	40	48	7	55
....	2	1	1	5	2	2	6	5	5	9	2	5	2	43	28	31	40	57	14	71
....	2	....	...	1	2	1	1	2	5	1	1	1	...	13	10	10	13	20	3	23
....	...	2	1	4	1	3	3	3	5	3	5	5	8	25	18	34	9	40	3	43
....	....	....	...	....	....	....	..	....	1	....	....	....	....	6	3	....	9	8	1	9
....	....	....	....	....	....	...	....	..	...	....	..	....	....	13	3	....	16	14	2	16
....	....	..	....	....	....	....	..	...	....	....	...	..	....	...	...	....	...	...	....	....
....	....	1	....	...	1	1	...	....	....	..	1	1	....	1	7	4	4	8	...	8
....	....	...	....	1	....	1	...	..	1	1	2	1	...	5	2	7	....	7	....	....
1	1	....	2	1	...	2	1	3	4	2	1	2	7	19	22	19	32	36	5	41
....	....	....	....	....	2	....	2	...	3	2	2	3	2	9	7	13	3	15	1	16
1	....	....	....	2	....	1	1	1	1	3	3	2	...	8	10	12	6	16	2	18
...	1	1	2	9	....	...	3	1	5	2	2	4	5	19	14	26	7	28	5	33
....	....	....	....	2	2	1	1	....	3	..	1	1	3	10	5	12	3	14	1	15
....	....	....	....	...	....	1	2	...	1	1	....	....	....	1	4	4	1	2	3	5
....	....	....	...	2	...	...	..	1	1	....	....	....	1	1	5	4	2	6	...	6
....	...	....	....	....	....	1	....	....	....	...	..	...	....	2	....	1	1	2	...	2
....	...	1	...	..	..	..	..	..	..	....	....	..	....	1	....	..	1	1	....	1
....	....	....	....	....	....	...	...	...	....	....	....	...	...	2	2	...	4	4	..	4
....	....	....	....	....	....	..	....	....	....	....	...	...	....	5	6	....	11	9	2	11
...	....	....	....	....	...	..	...	..	....	....	...	...	...	3	4	..	7	6	1	7
....	....	1	1	2	3	...	..	....	...	....	...	...	..	....	7	7	..	7	...	7
...	....	....	....	....	...	...	....	....	....	....	1	4	35	15	25	35	5	38	2	40
....	....	....	....	.	..	...	..	..	..	...	....	....	....	19	12	....	31	27	4	31
....	....	....	1	.		...	...	..	...	...	....	...	...	1	1	....	2	2	...	2
....	....	1	2	2	1	1	..	1	...	...	..	1	....	8	1	4	5	7	2	9
....	..	1	1	1	1	1	..	1	...	..	...	...	...	6	...	1	5	5	1	6
....	1	6	6	4	1	1	2	1	2	1	1	1	2	30	4	14	20	31	3	34
...	....	..	....	....	...	....	...	..	...	....	..	..	...	...	...	....	...	...	...	.....
...	..	....	....		..	1	..	..	.	..	....	....	....	1	...	...	1	1	..	1

TABLE NO. 14.

SHOWING THE REPORTED MORTALITY FOR FEBRUARY, 1896.

The annual death rate per 1,000 during the month was 16.4, this being based on a popu- annual increase. During the month there were 14 less deaths than the previous month. not included in the monthly statement. Percentage of deaths in eleemosynary and other tutions to total mortality, 11.4. White population, 538,000; mortality rate per thousand, 15.4.

CAUSES OF DEATH.	Total deaths reported during Feb., 1896.	Total deaths reported during Feb., 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	780	780	163	47	19	15	10	227	27
Total Zymotic Diseases	98	110	19	18	10	8	3	53	5
Total Constitutional Diseases	160	141	20	5	....	1	1	23	4
Total Local Diseases	398	395	81	24	8	6	6	111	14
Total Developmental Diseases	76	99	40	....	....	....	....	37	3
Total Deaths by Violence	47	42	2	....	1	....	....	3	....
Total Unknown	1	...	1	....	....	....	....	....	1
Small Pox	....	17	....	....	....	....	....	....	....
Measles	6	1	2	3	1	....	....	3	3
Scarlatina	1	3	....	....	....	1	....	1	....
Diphtheria	26	28	1	5	5	3	1	15	....
Croup	18	16	2	7	4	3	2	18	....
Tonsilitis	....	....	....	....	....	....	....	....	....
Whooping Cough	4	4	2	1	....	1	....	4	....
Typhoid Fever	4	3	....	....	....	....	....	....	....
Cerebro-Spinal Fever	2	1	....	....	....	....	....	....	....
Rem't, Interm., Typ.-Mal'l, Cong. & S'ple Con. Fevs	10	7	1	....	....	....	....	1	....
Puerperal Fever	1	3	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	10	10	9	1	....	....	....	10	....
Diarrhœal Diseases: Other ages	6	5	....	....	....	....	....	....	....
Erysipelas	2	2	....	....	....	....	....	....	....
Pyæmia and Septicæmia	1	1	1	....	....	....	....	1	....
Syphilis	4	1	1	1	....	....	....	....	2
Alcoholism	3	7	....	....	....	....	....	....	....
Other Zymotic Diseases	....	1	....	....	....	....	....	....	....
Cancer and Malignant Tumor	23	17	....	....	....	....	....	....	....
Phthisis and Tuberculosis — Pulmonary	101	90	3	....	....	....	....	3	....
Marasmus — Tabes Mesenterica and Scrofula	19	20	13	2	....	1	1	15	2
Hydrocephalus, Tubular Meningitis, etc	11	8	4	3	....	....	....	5	2
Rheumatism and Gout	1	5	....	....	....	....	....	....	....
Other Constitutional Diseases	5	1	....	....	....	....	....	....	....
Bronchitis	49	73	23	7	....	....	1	28	3
Pneumonia	107	93	27	7	7	4	2	40	7
Other Diseases Respiratory Organs	19	24	....	2	....	....	1	3	....
Diseases of Circulatory System	38	34	....	....	....	....	....	....	....
Meningitis and Encephalitis	12	15	3	4	1	1	....	9	....
Convulsions and Trismus	21	17	19	1	....	1	....	19	2
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	7	23	2	....	....	....	....	2	....
Apoplexy	11	21	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	35	29	5	2	....	....	1	6	2
Cirrhosis of Liver and Hepatitis	7	11	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	30	17	1	....	....	....	....	1	....
Bright's Disease and Nephritis	30	20	....	1	....	....	....	1	....
Other Diseases Urinary Organs	22	7	....	....	....	....	1	1	....
Diseases Generative Organs	5	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	2	5	....	....	....	....	....	....	....
Diseases of the Integument	3	3	1	....	....	....	....	1	....
Other Local Diseases	....	1	....	....	....	....	....	....	....
Cyanosis	4	1	4	....	....	....	....	4	....
Inanition	11	16	10	....	....	....	....	9	....
Premature Birth	5	10	5	....	....	....	....	5	....
Puerperal Diseases (not including Puerperal Fever)	6	9	....	....	....	....	....	....	....
Senility	29	31	....	....	....	....	....	....	....
Other Developmental Diseases	21	32	21	....	....	....	....	19	2
Surgical Operations	7	2	1	....	....	....	....	1	....
Deaths by Suicide	9	10	....	....	....	....	....	....	....
Deaths by Homicide	6	1	....	....	....	....	....	....	....
Deaths by Accident	24	29	1	....	1	....	....	2	....
Execution by Warrant of Law	1	....	....	....	....	....	....	....	....
Unknown	1	....	1	....	....	....	....	....	1

TABLE NO. 14. — *Continued.*

lation of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Thirty-five certificates were issued for deaths occurring outside the city limits; these were
institutions of a public character to total mortality, 21. Percentage of deaths in city insti-
Colored population, 32,000; mortality rate per thousand, 33.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
22	15	23	35	50	46	30	35	36	48	31	41	42	72	412	368	335	445	692	88	780
11	4	2	2	1	1	4	1	5	2	....	1	2	4	45	53	14	84	88	10	98
2	2	5	17	15	20	13	11	9	15	8	3	7	6	84	76	74	86	133	27	160
9	8	12	11	20	18	10	18	22	25	22	28	31	39	214	184	196	202	359	39	398
....	....	....	3	1	1	....	1	....	1	....	6	1	22	34	42	32	44	70	6	76
....	1	4	2	13	6	3	4	....	5	1	3	1	1	35	12	19	28	41	6	47
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	4	....	6	3	3	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
8	3	....	....	....	....	....	....	....	....	....	....	....	....	8	18	....	26	26	....	26
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	8	....	18	18	....	18
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	4	4	....	4
1	....	1	1	....	....	....	....	1	....	....	....	....	....	2	2	1	3	4	....	4
1	....	....	....	....	....	....	....	1	....	....	....	....	....	1	1	1	1	1	1	2
1	1	1	....	....	....	....	1	3	....	....	1	1	....	4	6	5	5	7	3	10
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	4	....	10	10	....	10
....	....	....	1	....	....	1	....	....	1	....	....	1	2	4	2	2	4	6	....	6
....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	1	....	1	....	....	....	....	....	....	....	1	3	1	3	1	3	4
....	....	....	....	....	1	1	....	....	1	....	....	....	....	2	1	1	2	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	1	1	1	4	5	2	1	5	2	9	14	20	3	22	1	23
1	1	4	16	13	19	11	8	5	9	4	2	2	3	52	49	47	54	80	21	101
....	....	1	....	....	....	....	1	....	....	....	....	....	....	13	6	1	18	17	2	19
....	....	....	1	....	....	1	....	....	1	....	....	....	1	9	2	2	9	9	2	11
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	....	1	1
....	1	....	....	2	....	....	....	....	....	2	....	....	....	....	5	3	2	5	....	5
3	....	2	....	....	1	1	1	....	1	1	....	4	4	25	24	13	36	43	6	49
2	2	5	2	5	1	3	3	6	5	5	6	6	9	63	44	43	64	97	10	107
1	....	1	1	1	....	....	1	....	2	2	2	....	5	8	11	7	12	16	3	19
2	1	....	1	2	1	2	3	2	5	4	6	3	6	17	21	25	13	36	2	38
1	....	....	....	....	....	....	1	....	....	1	....	....	....	7	5	2	10	12	....	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	13	8	....	21	19	2	21
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	....	1	1	....	....	2	....	2	5	4	3	6	1	7
....	....	....	....	....	1	....	1	3	1	2	1	1	1	3	8	11	..	10	1	11
....	1	2	1	1	3	1	1	1	2	....	7	3	4	22	13	12	13	31	4	35
....	....	....	....	1	1	....	1	....	....	1	1	1	1	6	1	7	....	5	2	7
....	3	....	4	5	3	....	3	3	2	..	1	2	3	14	16	20	10	28	2	30
....	1	1	....	1	1	2	1	5	4	5	..	4	4	20	10	18	12	26	4	30
....	....	....	1	...	5	1	2	1	2	1	3	3	2	13	9	18	4	20	2	22
....	..	1	1	2	1	....	....	....	....	....	....	....	....	....	5	2	3	5	....	5
....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	2	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	2	2	1	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	..	1	....	....	4	7	....	11	10	1	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	1	....	5	5	....	5
....	....	....	3	1	1	....	1	....	....	....	....	....	....	....	6	6	....	5	1	6
....	....	....	....	....	....	....	....	....	1	....	5	1	22	13	16	26	3	27	2	29
..	....	....	....	....	....	....	....	....	....	....	....	....	....	10	11	..	21	19	2	21
....	....	1	....	3	1	1	....	....	....	....	....	....	....	4	3	3	4	7	....	7
....	....	2	....	2	1	1	2	....	....	....	....	1	....	7	2	4	5	8	1	9
....	....	....	1	3	1	....	....	....	....	....	1	....	....	5	1	1	5	4	2	6
....	1	1	1	4	3	1	2	....	5	1	2	....	1	18	6	11	13	21	3	24
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	..	....	....	....	....	....	....	....	....	....	....	....	....	..	1	....	1	....	1	1

TABLE NO. 15.

SHOWING THE REPORTED MORTALITY FOR MARCH, 1896.

The annual death rate per 1,000 during the month was 17.07, this being based on a popu-
annual increase. During the month there were 31 more deaths than the previous month.
not included in the monthly statement. Percentage of deaths in eleemosynary and other
stitutions to total mortality, 12.3. White population, 538,000; mortality rate per thousand,

CAUSES OF DEATH.	Total deaths reported during March, 1896.	Total deaths reported during March, 1895	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	811	804	145	33	21	16	10	191	34
Total Zymotic Diseases	75	121	19	3	5	10	6	38	5
Total Constitutional Diseases	175	150	19	3	2	1	....	20	5
Total Local Diseases	439	388	65	26	14	5	3	90	23
Total Developmental Diseases	89	100	41	1	....	....	....	42	....
Total Deaths by Violence	32	45	....	....	....	....	1	1	....
Total Unknown	1	....	1	....	....	....	....	....	1
Small-Pox	....	32	....	....	....	....	....	....	....
Measles	4	3	1	1	1	1	....	4	....
Scarlatina	1	2	1	....	....	....	....	1	....
Diphtheria	20	25	2	1	2	5	4	13	1
Croup	6	14	....	1	1	4	....	6	....
Whooping Cough	5	3	3	....	....	....	1	4	....
Typhoid Fever	3	3	....	....	....	....	1	1	....
Cerebro-Spinal Fever	1	2	1	....	....	....	....	1	....
Rem't Interm., Typ.-Mal'l, Cong & S'ple Con. Fevs.	6	8	....	....	....	....	....	....	....
Puerperal Fever	2	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	10	11	9	....	1	....	....	7	3
Diarrhœal Diseases: Other ages	4	4	....	....	....	....	....	....	....
Erysipelas	1	2	....	....	....	....	....	....	....
Pyæmia and Septicæmia	4	4	....	....	....	....	....	....	....
Syphilis	3	3	2	....	....	....	....	1	1
Alcoholism	5	3	....	....	....	....	....	....	....
Other Zymotic Diseases	....	1	....	....	....	....	....	....	....
Cancer and Malignant Tumor	18	19	....	....	....	....	....	....	....
Phthisis and Tuberculosis — Pulmonary	117	92	1	2	....	....	....	....	....
Marasmus — Tabes Mesenterica and Scrofula	20	19	16	....	....	....	....	16	....
Hydrocephalus, Tubercular Meningitis, etc	9	10	1	1	1	1	....	2	2
Rheumatism and Gout	7	2	....	....	....	....	....	....	....
Other Constitutional Diseases	4	8	1	....	1	....	....	2	....
Bronchitis	44	43	17	5	1	....	2	19	6
Pneumonia	140	93	20	16	8	2	....	37	9
Other Diseases Respiratory Organs	21	20	3	....	....	2	....	4	1
Diseases of Circulatory System	54	49	....	....	....	....	....	....	....
Meningitis and Encephalitis	10	12	4	1	1	....	1	6	1
Convulsions and Trismus	17	24	13	2	2	....	....	14	3
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	6	14	1	1	....	....	....	2	....
Apoplexy	14	10	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	36	33	5	....	2	1	....	5	3
Cirrhosis of Liver and Hepatitis	22	15	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	21	28	....	1	....	....	....	1	....
Bright's Disease and Nephritis	27	25	1	....	....	....	....	1	....
Other Diseases Urinary Organs	17	12	....	....	....	....	....	....	....
Diseases Generative Organs	3	3	....	....	....	....	....	....	....
Diseases Locomotory Organs	2	4	....	....	....	....	....	....	....
Diseases of the Integument	2	2	1	....	....	....	....	1	....
Other Local Diseases	3	1	....	....	....	....	....	....	....
Cyanosis	4	3	4	....	....	....	....	4	....
Inanition	8	5	8	....	....	....	....	8	....
Premature Birth	3	16	3	....	....	....	....	3	....
Puerperal Diseases (not including Puerperal Fever)	15	10	....	....	....	....	....	....	....
Senility	32	35	....	....	....	....	....	....	....
Other Developmental Diseases	27	31	26	1	....	....	....	27	....
Surgical Operations	3	6	....	....	....	....	....	....	....
Deaths by Suicide	9	14	....	....	....	....	....	....	....
Deaths by Homicide	7	2	....	....	....	....	....	....	....
Deaths by Accident	13	23	....	....	....	....	1	1	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	1	....	1	....	....	....	....	....	1

TABLE NO. 15.— *Continued.*

lation of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent-
Forty-one certificates were issued for deaths occurring outside the city limits; these were
institutions of a public character to total mortality, 22.5. Percentage of deaths in city in-
16. Colored population, 32,000; mortality rate per thousand, 34.8.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
21	12	17	50	38	51	57	58	35	46	47	37	44	73	449	362	391	420	715	98	811
6	1	2	3	2	7	1	6	2	...	2	...	...	...	36	39	14	61	69	6	75
3	3	7	22	17	14	17	19	10	10	11	5	6	6	107	68	77	98	148	27	175
12	7	4	19	12	22	35	29	22	33	32	26	35	38	246	193	238	201	387	52	439
...	...	3	2	3	4	2	1	...	...	...	2	1	29	35	54	42	47	84	6	89
...	1	1	4	4	4	2	3	1	3	2	4	2	...	24	8	20	12	28	4	32
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	4	4	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1
5	1	...	...	...	...	...	...	...	...	...	...	...	...	9	11	...	20	19	1	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	2	...	6	6	...	6
1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	4	...	5	5	...	5
...	...	1	...	...	...	...	...	1	...	...	...	...	...	2	1	1	2	3	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	1
...	...	...	1	1	3	...	1	...	...	...	...	...	...	2	4	4	2	5	1	6
...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	2	2	...	2	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	7	...	10	7	3	10
...	...	...	...	1	1	...	1	...	...	1	...	...	...	3	1	1	3	4	...	4
...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	1	1	...	1
...	...	...	1	...	1	...	1	...	...	1	...	...	...	2	2	3	1	4	...	4
...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	2	...	3	2	1	3
...	...	...	...	...	1	...	3	1	...	...	...	...	...	4	1	3	2	5	...	5
...	...	...	...	...	...	1	5	2	2	2	2	2	2	9	9	13	5	18	.	18
1	1	7	18	16	14	15	11	6	8	8	3	4	2	74	43	53	64	95	22	117
1	...	...	2	...	...	...	...	...	...	...	...	...	1	15	5	2	18	19	1	20
1	...	...	2	1	...	...	...	1	...	...	...	...	...	6	3	2	7	7	2	9
...	2	...	...	...	...	1	3	...	...	...	...	...	1	1	6	5	2	5	2	7
...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	2	2	2	4	.	4
2	2	...	1	...	1	...	...	...	...	1	5	5	2	21	23	14	30	37	7	44
3	1	3	7	4	9	13	13	6	6	10	5	6	8	90	50	62	78	120	20	140
2	...	...	1	...	...	2	...	1	2	3	2	2	1	15	6	11	10	19	2	21
2	2	...	3	3	2	5	5	4	5	6	3	8	6	26	28	42	12	47	7	54
1	...	...	...	1	...	1	...	...	...	...	...	...	...	5	5	1	9	9	1	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	10	...	17	14	3	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	1	1	...	...	...	1	4	2	3	3	6	...	6
...	...	...	...	...	...	1	...	...	2	2	2	2	5	7	7	13	1	13	1	14
1	2	...	2	2	2	3	3	2	3	2	...	2	4	15	21	20	16	31	5	36
...	...	...	1	...	3	2	3	2	2	2	2	1	4	15	7	19	3	20	2	22
...	...	...	2	1	1	1	3	2	2	3	2	1	2	9	12	15	6	21	...	21
...	...	...	...	...	...	4	1	2	6	3	2	5	3	19	8	18	9	24	3	27
...	...	...	2	1	2	1	1	1	2	...	2	3	2	9	8	15	2	17	...	17
...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	3	3	...	3	...	3
1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	...	2	1	1	2
...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	1	1	2		2
...	...	...	...	...	...	1	...	1	1	...	...	...	...	2	1	1	2	3	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	...	4	4	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	5	...	8	8	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	3	3	...	3
...	...	3	2	3	4	2	1	...	...	...	...	...	...	...	15	14	1	14	1	15
...	...	...	...	...	...	...	...	...	...	...	2	1	29	13	19	28	4	27	5	32
...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	12	...	27	27	...	27
...	...	...	...	...	1	...	...	...	1	...	1	...	...	1	2	3	...	3	...	3
...	...	...	2	1	...	1	1	...	2	1	...	1	...	6	3	7	2	9	...	9
...	...	1	1	1	1	1	1	...	...	...	1	...	...	3	1	3	4	5	2	7
...	1	...	1	2	2	...	1	1	...	1	2	1	...	11	2	7	6	11	2	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	1

TABLE NO. 16.

SHOWING THE REPORTED MORTALITY FOR APRIL, 1896.

The annual death rate per 1,000 during the month was 18.67, this being based on a popu-
annual increase. During the month there were 76 more deaths than the previous month.
not included in the monthly statement. Percentage of deaths in eleemosynary and other
stitutions to total mortality, 16.6. White population, 538,000; mortality rate per thousand,

CAUSES OF DEATH.	Total deaths reported during April, 1896.	Total deaths reported during April, 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	887	700	161	40	20	10	8	206	33
Total Zymotic Diseases	91	118	25	11	5	4	6	47	4
Total Constitutional Diseases	156	141	13	8	2	....	....	19	4
Total Local Diseases	498	324	73	18	12	5	1	92	17
Total Developmental Diseases	100	73	48	2	....	1	....	44	7
Total Deaths by Violence	37	43	1	1	1	....	1	3	1
Total Unknown	5	1	1	..	....	....	....	1	....
Small-Pox	....	14	...	...	....	....	....	....	....
Measles	5	9	2	2	....	....	...	3	1
Scarlatina	....	2	....	....	....	....	....	....	....
Diphtheria	20	22	1	2	3	2	5	12	1
Croup	4	17	1	1	1	....	1	4	..
Whooping Cough	1	3	....	1	...	...	...	1	....
Typhoid Fever	4	7	....	...	....	1	....	1	....
Cerebro-Spinal Fever	3	1	1	2	....	....	...	3	..
Rem't, Interm., Typ.-Mal'l, Cong. & S'ple Con. Fevs.	11	7	2	...	1	....	....	2	1
Puerperal Fever	3	1	...	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	13	21	9	3	....	1	....	12	1
Diarrhœal Diseases: Other ages	4	3	....	....	....	....	....	....	....
Erysipelas	8	2	3	....	....	....	....	3	...
Pyæmia and Septicæmia	3	4	1	....	....	....	...	1	...
Syphilis	5	2	3	....	....	...	...	3	....
Alcoholism	5	3	....	....	...	...	....	....	....
Other Zymotic Diseases	2	....	2	..	....	...	....	2	....
Cancer and Malignant Tumor	26	22	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	88	78	....	....	....	....	....	....	....
Marasmus—Tabes Mesenterica and Scrofula	17	25	9	3	2	...	....	12	2
Hydrocephalus, Tubercular Meningitis, etc	16	9	4	3	...	...	....	5	2
Rheumatism and Gout	1	4	....	..	....	..	....	....	....
Other Constitutional Diseases	8	3	....	2	...	...	....	2	....
Bronchitis	29	34	11	3	3	1	....	16	2
Pneumonia	185	77	19	10	6	3	....	29	9
Other Diseases Respiratory Organs	19	14	1	1	1	....	...	3	....
Diseases of Circulatory System	54	35	....	...	....	....	....	....	....
Meningitis and Encephalitis	19	15	11	2	...	....	1	14	....
Convulsions and Trismus	14	18	14	...	....	....	....	13	1
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	13	9	3	....	....	....	....	3	....
Apoplexy	15	10	....	....	....	....	....	...	...
Other Diseases of the Brain and Nervous System	41	43	12	2	1	1	....	12	4
Cirrhosis of Liver and Hepatitis	20	10	....	....	....	...	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis.	21	20	....	....	...	....	....	....	....
Bright's Disease and Nephritis	37	24	....	....	1	...	...	1	....
Other Diseases Urinary Organs	19	8	1	....	...	...	....	....	1
Diseases Generative Organs	5	5	....	...	...	....	....	....	....
Diseases Locomotory Organs	3	2	1	...	...	....	...	1	....
Diseases of the Integument	...	....	...	....	....	....	...	..	....
Other Local Diseases	4	..	...	...	..	...	...	..	...
Cyanosis	2	5	2	...	...	..	....	2	....
Inanition	14	12	14	...	....	....	....	13	1
Premature Birth	10	6	10	....	....	....	....	6	4
Puerperal Diseases (not including Puerperal Fever)	13	2	....	...	..	....	....	....	....
Senility	36	30	....	....	....	..	....	..	....
Other Developmental Diseases	25	18	22	2	....	1	....	23	2
Surgical Operations	4	2	...	...	....	....	....	....	...
Deaths by Suicide	8	15	....	....	....	....	....	....	....
Deaths by Homicide	4	2	...	....	....	....	....	....	...
Deaths by Accident	21	24	1	1	1	....	1	3	1
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	5	1	1	....	...	..	...	1	...

TABLE NO. 16 — *Continued.*

lation of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Thirty-four certificates were issued for deaths occurring outside the city limits; these were
institutions of a public character to total mortality, 26.3. Percentage of deaths in city in-
17.29. Colored population, 32,000; mortality rate per thousand, 34.8.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
27	9	25	56	51	51	61	53	54	59	43	48	30	81	529	358	382	505	775	112	887
10	1	2	5	3	3	5	3		3	1	1		3	53	38	19	72	81	10	91
1	1	7	21	13	15	14	9	13	12	7	8	6	6	88	68	69	87	137	19	156
14	6	12	22	28	28	37	36	40	37	33	33	24	39	310	188	235	263	428	70	498
		2	4	3	2		2		1		5		30	43	57	42	58	90	10	100
2	1	2	3	3	3	5	2	1	6	2			3	31	6	16	21	34	3	37
			1	1			1				1			4	1	1	4	5		5
1														3	2		5	4	1	5
6	1													10	10		20	19	1	20
														2	2		4	4		4
															1		1	1		1
1									1	1				3	1	2	2	4		4
														3			3	3		3
1		1	1		1	1	1				1		1	5	6	6	5	9	2	11
		1		1		1									3	3		2	1	3
														8	5		13	12	1	13
			1			1							2	3	1	3	1	4		4
			3				1		1					5	3	2	6	6	2	8
1					1									2	1	1	2	2	1	3
				1	1									4	1		5	4	1	5
				1		2	1		1					5		2	3	5		5
															2		2	2		2
				1	2	1	1	4	3	3	5	2	4	10	16	24	2	26		26
1		5	17	11	12	13	8	7	7	2	2	3		59	29	34	54	75	13	88
				1				1					1	9	8	3	14	15	2	17
	1	2	3		1						1		1	6	10	2	14	14	2	16
									1						1	1		1		1
			1					1	1	2		1		4	4	5	3	6	2	8
2							1	1			2	3	2	20	9	7	22	25	4	29
3		4	12	11	16	12	16	21	17	10	12	5	8	130	55	69	116	157	28	185
2		1		1		1	1		1	3		2	4	10	9	9	10	18	1	19
1	4	3	4	4	7	2	7	3	6	5	7		1	22	33	34	20	42	12	54
			2			1				1		1		11	8	1	18	18	1	19
														10	4		14	13	1	14
								1	2	4	1		2	7	6	8	5	13		13
				1		2	1	1	4	1		2	3	10	5	12	3	13	2	15
3				3	1	2	2	1	2		3	2	6	23	18	18	23	35	6	41
				2	2	3	1			4	4	1	3	12	8	15	5	18	2	20
1	2	1		1	1	3	1	4	2	2		1	2	11	10	14	7	18	3	21
		1	2	2		8	4	6	2	1	2	2	6	23	14	27	10	30	7	37
2		2	1			1	1	1	1	2	1	4	2	14	5	13	6	16	3	19
			1	2	1			1							5	4	1	5		5
						1						1		3		1	2	3		3
				1		1	1				1			4		3	1	4		4
														2			2	2		2
														8	6		14	13	1	14
														7	3		10	6	4	10
		2	4	3	2		2								13	12	1	12	1	13
									1		5		30	15	21	30	6	34	2	36
														11	14		25	23	2	25
				1	1	1				1				2	2	3	1	4		4
			1	1	1	1	1		2				1	8		3	5	8		8
		2	1			1								3	1	1	3	4		4
2	1		1	1	1	2	1	1	4	1			2	18	3	9	12	18	3	21
			1	1			1				1			4	1	1	4	5		5

TABLE NO. 17.

SHOWING THE REPORTED MORTALITY FOR MAY, 1896.

The annual death rate per 1,000 during the month was 16.4, this being based on a popu-
annual increase. During the month there were 108 less deaths than the previous month.
not included in the monthly statement. Percentage of deaths in eleemosynary and other
tutions to total mortality, 9.6. White population, 538,000; mortality rate per thousand, 15.54.

CAUSES OF DEATH.	Total deaths reported during May, 1896.	Total deaths reported during May, 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	779	713	163	39	19	8	8	219	18
Total Zymotic Diseases	107	125	46	12	7	5	4	70	4
Total Constitutional Diseases	131	142	16	2	1	..	1	19	1
Total Local Diseases	296	308	45	22	9	3	1	73	7
Total Developmental Diseases	88	88	53	....	....	....	....	47	6
Total Deaths by Violence	157	50	3	3	2	....	2	10	....
Total Unknown	....	....	....	....	....	....	....	....	....
Small-Pox	.....	7	....	....	....	....	....	....	....
Measles	1	11	....	....	....	....	....	....	....
Scarlatina	1	4	....	....	...	1	....	1	....
Diphtheria	11	31	...	2	...	2	....	4	....
Croup	7	11	...	2	2	....	2	6	..
Whooping Cough	2	...	1	....	...	....	1	2	....
Typhoid Fever	9	6	1	...	...	....	1	2	....
Cerebro-Spinal Fever	.....	2	...	....	....	....	....	...	....
Rem't Interm., Typ.Mal'l, Cong. and S'pl Con. Fevs	10	9	2	1	2	1	....	6	....
Puerperal Fever	2	1	....	....	....	....	....	....	....
Diarrhœal Under 5 years	48	23	38	6	3	1	....	44	4
Diseases: Other ages	6	5	....	....	....	....	....	....	....
Erysipelas	2	1	...	....	....	....	....	..	....
Pyæmia and Septicæmia	2	1	1	....	....	....	....	1	....
Syphilis	.....	3	....	...	....	....	....	...	....
Alcoholism	2	6	....	....	....	....	...	....	....
Other Zymotic Diseases	4	4	3	1	....	....	....	4	....
Cancer and Malignant Tumor	19	16	....	....	....	....	....	....	....
Phthisis and Tuberculosis — Pulmonary	77	88	....	....	....	....	...	...	....
Marasmus — Tabes Mesenterica and Scrofula	16	19	12	2	...	....	....	13	1
Hydrocephalus, Tubercular Meningitis, etc	13	10	3	....	1	....	1	5	....
Rheumatism and Gout	2	6	....	....	....	....	....	....	....
Other Constitutional Diseases	4	3	1	....	....	....	....	1	...
Bronchitis	21	24	5	4	2	1	....	9	3
Pneumonia	45	38	6	3	2	1	....	11	1
Other Diseases Respiratory Organs	24	13	3	1	....	....	...	4	....
Diseases of Circulatory System	38	55	....	....	....	....	....	...	....
Meningitis and Encephalitis	19	9	5	7	2	....	....	14	....
Convulsions and Trismus	26	26	20	3	2	1	....	24	2
Heat Stroke	1	....	....	....	....	....	....	....	....
LaGrippe	1	3	1	..	....	....	....	1	....
Apoplexy	20	10	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	27	30	5	4	1	...	...	9	1
Cirrhosis of Liver and Hepatitis	14	13	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	15	23	....	....	....	....	1	1	....
Bright's Disease and Nephritis	24	29	....	....	....	....	....	....	....
Other Diseases Urinary Organs	16	15	...	...	....	...	....	....	....
Diseases Generative Organs	.....	3	...	....	...	....	....	....	....
Diseases Locomotory Organs	1	8	....	...	...	....	....	....	....
Diseases of the Integument	.....	3	....	...	....	....	....	....	....
Other Local Diseases	4	6	....	....	....	....	....	...	...
Cyanosis	3	2	3	...	....	....	....	3	....
Inanition	19	7	19	....	....	....	....	18	1
Premature Births	8	12	8	....	....	....	....	8	....
Puerperal Diseases (not including Puerperal Fever)	5	3	....	....	....	....	....	....	....
Senility	30	30	...	....	....	....	....	....	....
Other Developmental Diseases	23	34	23	...	....	...	....	18	5
Surgical Operations	3	4	....	....	....	....	....	...	....
Deaths by Suicide	9	9	....	....	....	....	...	....	....
Deaths by Homicide	9	8	....	....	....	....	....	....	....
Deaths by Accident*	136	29	3	3	2	....	2	10	....
Execution by Warrant of Law	.....	....	....	....	....	....	....	....	....
Unknown	.....	....	....	....	....	....	...	...	....

* 105 of the accidents were result of the cyclone, May 27th.

TABLE NO. 17. — *Continued.*

lation of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Fifty-nine certificates were issued for deaths occurring outside the city limits; these were
institutions of a public character to total mortality, 20. Percentage of deaths in city insti-
Colored population, 31,000; mortality rate per thousand, 31.7.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
30	16	21	54	41	49	40	35	45	39	52	32	28	60	467	312	333	446	697	82	779
9	1	1	4	1	3		2	2	3	2	2	1	2	63	44	16	91	103	4	107
4	5	6	15	13	15	10	9	10	6	9	4	1	4	65	66	55	76	109	22	131
6	6	6	11	8	13	19	14	23	22	29	19	19	21	174	122	141	155	261	35	296
		1	2	1	1					1		2	27	53	35	35	53	79	9	88
11	4	7	22	18	17	11	10	10	8	11	7	5	6	112	45	86	71	145	12	157
					1										1	1		1		1
														1			1	1		1
6		1												8	3	1	10	11		11
	1													6	1		7	7		7
															2		2	2		2
1			2		1			1	1	1				4	5	4	5	9		9
1							1				1	1		7	3	2	8	10		10
			1	1											2	2		2		2
														27	21		48	44	4	48
1					1		1	1	1				1	4	2	2	4	6		6
									1				1	2		2		2		2
											1				2	1	1	2		2
			1							1				2		1	1	2		2
														2	2		4	4		4
						1	3	3	1	4	4		3	7	12	17	2	18	1	19
1	4	4	12	12	15	9	5	5	4	4		1	1	40	37	31	46	61	16	77
2														8	8		16	15	1	16
1	1	1	2	1			1		1					8	5	4	9	11	2	13
								1		1				1	1	2		1	1	2
		1	1					1						1	3	1	3	3	1	4
			1		3			2		1		1	1	9	12	8	13	15	6	21
	2	2	3	1	1	2	2	6	3	3	3	2	3	37	8	14	31	37	8	45
1	1		3	1	1	1		1	2	3	1	3	2	15	9	13	11	24		24
	1	1	1		4	7		3	4	3	5	7	2	20	18	27	11	33	5	38
1		1	1		1						1			12	7	2	17	17	2	19
														11	15		26	24	2	26
	1														1		1	1		1
															1		1	1		1
		1				2	2	1	2	5	3	1	3	13	7	16	4	18	2	20
			1	3			2	1	3	5	1		1	20	7	10	17	23	4	27
					1	1	1	1	1	5	1	2	1	9	5	10	4	14		14
2		1	1	2		2	1	1	1			1	2	8	7	7	8	14	1	15
2					1	3	3	6	1	2	3	1	2	14	10	14	10	20	4	24
					1		3	1	5	2	1	1	2	4	12	16		15	1	16
	1														1		1	1		1
				1		1							2	2	2	4		4		4
														2	1		3	3		3
														14	5		19	19		19
														7	1		8	8		8
		1	2	1	1										5	5		4	1	5
										1		2	27	15	15	30		27	3	30
														15	8		23	18	5	23
			1				1						1	1	2	3		3		6
		1	2		1	2				2	1			5	4	4	5	9		3
		1	2	2	2			1	1					8	1	4	5	5	4	9
11	4	5	17	16	14	9	9	9	7	9	6	5	5	98	38	75	61	128	8	136

TABLE NO. 18.

SHOWING THE REPORTED MORTALITY FOR JUNE, 1896.

The annual death rate per 1,000 during the month was 23.72, this being based on a popu-
annual increase. During the month there were 348 more deaths than the previous month.
were not included in the monthly statement. Percentage of deaths in eleemosynary and
city institutions to total mortality, 7 6. White population, 538,000; mortality rate per thou-

CAUSES OF DEATH.	Total deaths reported during June, 1896.	Total deaths reported during June, 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	1127	932	453	77	27	9	7	520	53
Total Zymotic Diseases	348	268	226	50	14	4	6	280	20
Total Constitutional Diseases	179	176	49	2	1	1		43	10
Total Local Diseases	352	360	83	21	8	4	1	106	11
Total Developmental Diseases	139	82	92	2	4			86	12
Total Deaths by Violence	107	46	13	2				5	
Total Unknown	2								
Small-Pox		2							
Measles		11							
Scarlatina		1							
Diphtheria	14	23	1	1	5	2	1	10	
Croup	5	3	1	1			2	4	
Whooping Cough	8	2	5	2			1	8	
Typhoid Fever	6	6							
Cerebro-Spinal Fever	2	1	2					2	
Rem't, Interm., Typ.-Mal'l, Cong. & S'ple Con. Fevs	7	14		1			1	2	
Puerperal Fever	1								
Diarrhœal Under 5 years.	269	168	214	44	9	1	1	251	18
Diseases: Other ages	24	17							
Erysipelas	1		1						1
Pyæmia and Septicæmia	3	7							
Syphilis	4	3	2	1				2	1
Alcoholism	3	6							
Other Zymotic Diseases	1	4				1		1	
Cancer and Malignant Tumor	24	25							
Phthisis and Tuberculosis — Pulmonary	84	88							
Marasus — Tabes Mesenterica and Scrofula	49	51	45	2		1		40	8
Hydrocephalus, Tubercular Meningitis, etc.	16	9	3		1			2	2
Rheumatism and Gout	2	1							
Other Constitutional Diseases	4	2	1					1	
Bronchitis	18	23	5	3				7	1
Pneumonia	38	54	7	8	3	1		15	4
Other Diseases Respiratory Organs	25	11	2	1	3	2		6	2
Diseases of Circulatory System	42	39	1					1	
Meningitis and Encephalitis	20	33	12	4				15	1
Convulsions and Trismus	47	32	42	2		1		42	3
Heat Stroke		2							
LaGrippe									
Apoplexy	10	7							
Other Diseases of the Brain and Nervous System.	42	57	11	3	2			16	
Cirrhosis of Liver and Hepatitis	7	19							
Enteritis, Gastro-Enteritis, Peritonitis & Gastrits.	40	34							
Bright's Disease and Nephritis	33	27	1					1	
Other Diseases Urinary Organs	19	17	1				1	2	
Diseases Generative Organs	1								
Diseases Locomotory Organs	1								
Diseases of the Integument	6	3	1					1	
Other Local Diseases	3	2							
Cyanosis	1	2	1					1	
Inanition	26	18	23		3			24	2
Premature Birth	11	13	11					10	1
Puerperal Diseases (not including Puerperal Fever)	8	6							
Senility	33	19							
Other Developmental Diseases	60	24	57	2	1			51	9
Surgical Operations	4	1							
Deaths by Suicide	22	10							
Deaths by Homicide	7	6							
Deaths by Accident*	74	29	3	2				5	
Execution by Warrant of Law									
Unknown	2								

* 25 of the accidents were results of the cyclone, May 27th, 1896.

TABLE NO. 18. — *Continued.*

lation of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Thirty-nine certificates were issued for deaths occurring outside the city limits; these
other institutions of a public character to total mortality, 16.4. Percentage of deaths in
sand, 22.48. Colored population, 32,000; mortality rate per thousand, 44.6.

AGES BY YEARS														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
23	11	35	43	42	45	52	42	39	34	29	44	50	65	630	497	335	792	1008	119	1127
8	....	3	4	3	2	....	3	3	4	3	3	6	6	157	191	23	325	326	22	348
....	2	10	14	16	12	16	10	13	10	3	9	7	4	102	77	75	104	149	30	179
13	5	8	10	13	14	21	21	16	17	18	23	32	24	209	143	153	199	312	40	352
....	....	1	2	....	2	2	1	....	....	....	4	2	27	72	67	34	105	123	16	139
2	4	12	13	10	15	13	6	7	3	5	5	3	4	88	19	49	58	96	11	107
....	....	1	....	....	....	....	1	....	....	....	....	....	....	2	....	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	....	....	....	....	....	....	....	....	....	....	....	....	....	9	5	..	14	14	....	14
1	....	....	....	....	....	....	....	....	....	....	....	....	....	4	1	....	5	5	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	2	....	8	8	....	8
....	....	1	3	....	....	....	....	....	....	....	....	1	1	3	3	2	4	6	....	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	2	....	2
3	....	....	....	....	1	....	....	....	....	....	....	....	1	2	5	2	5	7	..	7
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	113	156	....	269	251	18	269
....	....	2	....	2	1	....	....	2	3	3	3	5	3	10	14	16	8	23	1	24
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	1
....	....	....	....	....	....	....	2	....	....	....	....	....	1	3	....	1	2	3	....	3
....	....	....	....	....	....	....	1	....	....	....	....	....	....	3	1	1	3	3	1	4
....	....	....	....	1	....	....	....	1	1	....	....	....	....	3	....	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	1	....	....	2	2	4	4	2	5	2	2	11	13	18	6	22	2	24
....	1	8	11	14	9	12	8	6	5	1	3	5	1	44	40	46	38	68	16	84
....	....	1	..	....	....	....	....	....	....	....	....	....	....	34	15	....	49	41	8	49
....	....	1	2	2	2	1	....	3	1	....	....	....	....	9	7	7	9	12	4	16
....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	1	2	....	2	....	2
....	1	....	....	....	1	....	....	....	....	....	1	....	....	3	1	2	2	4	....	4
....	..	2	1	....	....	2	1	....	1	1	....	1	1	6	12	7	11	17	1	18
1	....	2	1	2	1	3	3	2	1	....	....	3	....	25	13	11	27	33	5	38
1	1	1	1	1	....	1	....	3	2	1	....	4	1	12	13	10	15	22	3	25
....	....	1	2	1	2	3	4	5	4	3	6	4	6	22	20	27	15	35	7	42
1	....	....	....	..	1	1	1	....	....	..	....	..	....	18	2	....	20	19	1	20
2	....	....	....	....	....	....	....	....	....	....	....	....	....	27	20	....	47	43	4	47
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	.	1	....	1	....	2	1	2	2	....	1	6	4	8	2	10	....	10
3	....	....	1	2	2	4	1	....	1	1	3	5	3	28	14	18	24	37	5	42
....	....	....	....	....	1	1	....	....	1	....	2	1	1	3	4	5	2	7	....	7
4	3	....	3	4	2	1	2	2	2	8	4	3	2	20	20	26	14	32	8	40
....	1	....	....	1	3	3	6	2	1	2	4	4	5	25	8	23	10	28	5	33
1	....	2	1	....	1	....	....	....	2	....	1	5	4	12	7	11	8	18	1	19
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1	....	1
....	....	....	....	1	1	1	1	....	....	....	....	1	....	3	3	2	4	6	....	6
....	....	....	....	....	....	....	2	....	....	....	1	....	....	2	1	3	....	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	19	7	....	26	24	2	26
....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	4	....	11	10	1	11
....	....	1	2	....	2	2	1	....	....	....	....	....	....	....	8	7	1	6	2	8
....	....	....	....	....	....	....	....	....	....	....	4	2	27	13	20	27	6	31	2	33
..	....	....	....	....	....	....	....	....	....	....	....	....	....	32	28	....	60	51	9	60
....	....	....	....	2	....	1	1	....	....	....	....	....	....	....	4	3	1	4	....	4
....	....	1	3	2	4	3	1	2	2	2	....	1	1	20	2	10	12	20	2	22
....	....	1	3	2	1	..	....	....	....	....	....	....	....	6	1	3	4	2	5	7
2	4	10	7	4	10	9	4	5	1	3	5	2	3	62	12	33	41	70	4	74
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	....	....	....	....	1	....	....	....	....	....	....	2	....	1	1	2	....	2

TABLE NO. 19.

SHOWING THE REPORTED MORTALITY FOR JULY, 1896.

The annual death rate per 1,000 during the month was 20, this being based on a population increase. During the month there were 175 less deaths than the previous month. Thirty-included in the monthly statement. Percentage of deaths in eleemosynary and other institutions to total mortality, 9 4. White population, 538,000; mortality rate per thousand, 18.68.

CAUSES OF DEATH.	Total deaths reported during July, 1896.	Total deaths reported during July, 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	952	904	288	66	16	8	13	351	40
Total Zymotic Diseases	242	246	124	33	4	3	8	160	12
Total Constitutional Diseases	173	169	29	12	1	..	1	39	4
Total Local Diseases	351	307	54	17	9	5	4	75	14
Total Developmental Diseases	111	115	80	3	....	....	....	73	10
Total Deaths by Violence	71	67	....	1	2	....	....	3	....
Total Unknown	4	...	1	...	....	..	....	1	....
Small-Pox	....	1	....	....	....	....	....	....	....
Measles	.....	2	....	....	....	....	....	....	....
Scarlatina	.....	....	....	....	....	....	....	....	....
Diphtheria	15	41	1	....	....	1	3	5	....
Croup	1	6	....	1	....	....	....	1	....
Whooping Cough	12	1	6	5	....	1	..	12	....
Typhoid Fever	13	9	....	....	....	....	1	1	....
Cerebro-Spinal Fever	2	5	....	1	....	....	....	1	....
Rem't, Interm., Typ. Mal'l, Cong. & S'ple Con. Fevs.	23	8	2	....	1	....	1	3	1
Puerperal Fever	.....	....	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	142	141	110	26	3	....	3	133	9
Diarrhœal Diseases: Other ages	24	20	....	....	....	....	....	....	....
Erysipelas	1	1	....	....	....	....	....	....	....
Pyæmia and Septicæmia	2	5	1	....	....	....	....	1	....
Syphilis	1	4	1	....	....	....	....	1	....
Alcoholism	2	1	....	..	....	....	....	....	....
Other Zymotic Diseases	4	1	3	....	....	1	....	2	2
Cancer and Malignant Tumor	26	26	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	84	76	....	2	....	....	....	1	1
Marasmus—Tabes Mesenterica and Scrofula	39	52	27	7	1	....	....	32	3
Hydrocephalus, Tubercular Meningitis, etc.	14	12	2	3	....	....	....	5	....
Rheumatism and Gout	5	....	....	....	....	....	....	....	....
Other Constitutional Diseases	5	3	....	....	....	....	1	1	....
Bronchitis	18	13	3	3	1	....	....	3	4
Pneumonia	32	24	7	5	5	....	1	13	5
Other Diseases Respiratory Organs	15	15	....	2	....	....	..	2	....
Diseases of Circulatory System	54	49	....	....	....	....	1	1	....
Meningitis and Encephalitis	18	16	8	4	....	2	..	14	....
Convulsions and Trismus	28	35	24	1	1	....	2	24	4
Heat Stroke	24	3	2	....	....	....	....	2	...
LaGrippe	.....	....	....	....	....	....	....	....	....
Apoplexy	19	12	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	44	33	9	2	2	1	...	13	1
Cirrhosis of Liver and Hepatitis	19	12	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	28	31	1	....	....	....	....	1	....
Bright's Disease and Nephritis	26	32	....	....	....	1	...	1	....
Other Diseases Urinary Organs	12	23	....	....	....	....	6	....	....
Diseases Generative Organs	3	5	....	....	....	....	....	....	....
Diseases Locomotory Organs	6	3	....	....	....	....	....	..	....
Diseases of the Integument	3	1	....	....	....	1	....	1	....
Other Local Diseases	2	....	....	....	....	....	....	....	..
Cyanosis	6	2	6	....	....	....	...	6	....
Inanition	19	25	18	1	....	....	....	16	3
Premature Birth	15	15	15	....	....	....	....	13	2
Puerperal Diseases (not including Puerperal Fever)	6	6	....	....	....	....	....	....	....
Senility	22	28	....	....	....	....	....	....	....
Other Developmental Diseases	43	39	41	2	....	....	....	38	5
Surgical Operations	2	3	....	....	....	....	....	....	....
Deaths by Suicide	14	16	....	....	....	....	....	....	....
Deaths by Homicide	11	5	....	....	....	....	....	....	....
Deaths by Accident	44	43	....	1	2	....	....	3	....
Execution by Warrant of Law	.....	....	....	....	....	....	....	....	....
Unknown	4	....	1	....	....	....	....	1	....

TABLE NO. 19.— *Continued.*

of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent annual
seven certificates were issued for deaths occurring outside the city limits; these were not
tutions of a public character to total mortality, 17.5. Percentage of deaths in city institu-
Colored population, 32,000; mortality rate per thousand, 42.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
19	19	27	39	43	49	50	36	39	43	35	41	51	70	527	425	362	590	838	114	952
11	5	3	4	3	5	6	3	4	4	2	2	8	10	119	123	35	207	223	19	242
2	2	7	18	11	13	13	9	9	14	8	7	13	4	95	78	76	97	143	30	173
4	7	9	9	18	23	18	17	25	19	22	29	28	34	188	163	190	161	305	46	351
....	....	1	1	1	1	1	1	...	...	1	1	2	18	61	50	25	86	101	10	111
2	5	7	7	9	7	12	5	1	6	2	2	....	3	61	10	34	37	63	8	71
....	....	....	....	1	....	....	1	....	....	....	....	....	1	3	1	2	2	3	1	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9	1	....	....	....	....	....	....	....	....	....	....	....	....	11	4	...	15	15	....	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	8	...	12	12	...	12
1	2	3	1	2	1	1	1	....	....	....	....	....	....	10	3	3	10	12	1	13
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	...	2	2	...	2
....	2	....	2	....	4	3	1	2	1	....	1	1	2	8	15	11	12	18	5	23
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	65	77	...	142	133	9	142
...	....	....	1	1	....	....	....	2	2	2	1	7	8	12	12	18	6	23	1	24
....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	...	1	....	1
....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	1	1	1	1	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	1	1	....	....	....	....	....	....	2	....	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	4	2	2	4
...	....	....	....	....	....	3	2	2	6	1	2	8	2	15	11	22	4	22	4	26
1	....	6	17	9	12	8	7	3	6	4	4	4	1	51	33	39	45	63	21	84
....	1	....	1	....	....	....	....	1	1	1	....	....	....	17	22	3	36	36	3	39
....	1	1	....	2	1	1	....	....	...	1	....	1	....	6	8	4	10	12	2	14
....	....	....	....	....	....	1	....	2	....	1	....	....	1	3	2	5	...	5	...	5
1	....	....	....	....	....	....	....	1	1	....	1	....	....	3	2	3	2	5	....	5
....	....	1	1	...	....	1	....	....	2	....	2	4	....	7	11	8	10	11	7	18
...	....	2	1	2	1	1	1	2	1	....	....	1	2	22	10	10	22	24	8	32
1	1	....	1	...	1	....	....	1	....	2	....	....	6	11	4	7	8	13	2	15
1	3	2	3	4	5	5	1	6	5	3	8	6	1	23	31	40	14	46	8	54
....	....	2	....	....	....	....	1	....	1	...	....	....	....	7	11	2	16	17	1	18
....	....	....	....	....	....	....	....	....	....	....	....	....	....	18	10	....	28	24	4	28
....	....	....	....	4	5	5	1	1	1	2	2	....	1	17	7	14	10	24	....	24
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	2	2	1	3	4	2	4	7	12	16	3	17	2	19
....	...	....	1	2	4	3	...	2	2	5	3	4	4	25	19	22	22	37	7	44
....	....	....	1	....	1	1	3	4	1	2	1	3	2	12	7	13	6	17	2	19
2	2	1	....	2	1	..	2	2	1	3	3	3	5	11	17	19	9	27	1	28
....	1	....	....	1	3	1	5	2	1	....	3	3	5	14	12	19	7	24	2	26
....	....	....	....	....	....	1	....	3	2	....	2	....	4	7	5	10	2	11	1	12
....	....	....	....	1	2	....	....	....	....	....	....	....	....	....	3	3	....	3	....	3
....	....	....	....	....	....	....	1	....	1	1	1	2	....	4	2	6	....	5	1	6
...	....	1	....	1	....	....	..	....	....	....	....	....	....	1	2	1	3	3	....	3
....	....	....	1	....	....	....	....	....	....	1	....	....	....	2	....	....	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	3	....	6	6	..	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	7	....	19	18	1	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	5	....	15	13	2	15
....	....	1	1	1	1	1	1	....	....	....	....	....	....	....	6	5	1	5	1	6
....	....	....	....	....	....	....	....	....	....	1	1	2	18	9	13	20	2	21	1	22
....	....	....	....	....	....	....	....	....	....	....	....	....	....	27	16	....	43	38	5	43
....	....	....	....	1	1	....	....	....	....	....	....	....	....	1	1	2	...	1	1	2
....	...	....	3	1	2	3	2	....	1	1	1	....	....	13	1	7	7	14	....	14
....	....	...	1	5	1	3	....	1	....	....	....	...	...	10	1	6	5	8	3	11
2	5	7	3	2	3	6	3	....	5	1	1	....	3	37	7	19	25	40	4	44
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	....	1	....	....	....	....	....	1	3	1	2	2	3	1	4

TABLE NO. 20.

SHOWING THE REPORTED MORTALITY FOR AUGUST, 1896.

The annual death rate per 1,000 during the month was 21.3, this being based on a popula-
nual increase. During the month there were 63 more deaths than the previous month.
not included in the monthly statement. Percentage of deaths in eleemosynary and other
stitutions to total mortality, 14. White population, 538,000; mortality rate per thousand,

CAUSES OF DEATH.	Total deaths reported during Aug., 1896.	Total deaths reported during Aug., 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	1015	783	218	67	16	14	4	297	22
Total Zymotic Diseases	191	168	64	27	10	6	....	101	6
Total Constitutional Diseases	165	180	38	13	1	....	1	50	3
Total Local Diseases	457	266	47	20	3	6	1	71	6
Total Developmental Diseases	139	88	69	7	....	....	....	70	6
Total Deaths by Violence	62	78	....	....	2	2	2	5	1
Total Unknown	1	3	....	....	....	....	....	....	....
Small-Pox	....	....	....	....	....	....	....	....	....
Measles	....	....	....	....	....	....	....	....	....
Scarlatina	....	....	....	....	....	....	....	....	....
Diphtheria	8	36	....	....	1	3	....	4	....
Croup	6	4	....	2	1	2	....	5	....
Whooping Cough	5	1	4	....	....	1	....	5	....
Typhoid Fever	29	17	....	....	....	....	....	....	....
Cerebro-Spinal Fever	2	....	....	....	....	....	....	....	....
Rem't, Interm., Typ.-Mal'l, Cong. & S'ple Con. Fevs	34	15	6	1	1	....	....	7	1
Puerperal Fever	2	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	84	64	53	24	7	....	....	79	5
Diarrhœal Diseases: Other ages	14	12	....	....	....	....	....	....	....
Erysipelas	1	2	....	....	....	....	....	....	....
Pyæmia and Septicæmia	3	....	....	....	....	....	....	....	....
Syphilis	....	8	....	....	....	....	....	....	....
Alcoholism	2	5	....	....	....	....	....	....	....
Other Zymotic Diseases	1	3	1	....	....	....	....	1	....
Cancer and Malignant Tumor	22	30	....	....	....	....	....	....	....
Phthisis and Tuberculosis — Pulmonary	75	78	....	....	....	....	1	....	1
Marasmus — Tabes Mesenterica and Scrofula	50	49	36	12	....	....	....	46	2
Hydrocephalus, Tubercular Meningitis, etc	11	19	1	1	1	....	....	3	....
Rheumatism and Gout	3	2	....	....	....	....	....	....	....
Other Constitutional Diseases	4	2	1	....	....	....	....	1	....
Bronchitis	12	17	3	3	1	....	....	5	2
Pneumonia	19	13	2	3	1	....	....	6	....
Other Diseases Respiratory Organs	15	10	....	1	....	....	1	2	....
Diseases of Circulatory System	36	40	1	....	....	....	....	1	....
Meningitis and Encephalitis	22	15	12	5	1	2	....	20	....
Convulsions and Trismus	19	34	15	3	....	1	....	18	1
Heat Stroke	132	....	3	1	....	....	....	3	1
LaGrippe	....	....	....	....	....	....	....	....	....
Apoplexy	15	7	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	57	37	8	4	....	3	....	13	2
Cirrhosis of Liver and Hepatitis	16	17	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	35	32	....	....	....	....	....	....	....
Bright's Disease and Nephritis	41	20	1	....	....	....	....	1	....
Other Diseases Urinary Organs	20	8	....	....	....	....	....	....	....
Diseases Generative Organs	4	7	....	....	....	....	....	....	....
Diseases Locomotory Organs	6	8	....	....	....	....	....	....	....
Diseases of the Integument	3	1	2	....	....	....	....	2	....
Other Local Diseases	5	....	....	....	....	....	....	....	....
Cyanosis	4	4	4	....	....	....	....	4	....
Inanition	15	15	13	1	....	....	....	13	1
Premature Birth	8	8	8	....	....	....	....	8	....
Puerperal Diseases (not including Puerperal Fever)	10	9	....	....	....	....	....	....	....
Senility	52	27	....	....	....	....	....	....	....
Other Developmental Diseases	50	25	44	6	....	....	....	45	5
Surgical Operations	1	4	....	....	....	....	....	....	....
Deaths by Suicide	23	14	....	....	....	....	....	....	....
Deaths by Homicide	5	5	....	....	....	....	....	....	....
Deaths by Accident	33	55	....	....	2	2	2	5	1
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	1	3	....	....	....	....	....	....	....

TABLE NO. 20.— *Continued.*

tion of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent an-
Fifty-three certificates were issued for deaths occurring outside the city limits; these were
institutions of a public character to total mortality, 23.4. Percentage of deaths in city in-
20.5. Colored population, 32,000; mortality rate per thousand, 35.2.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED	TOTAL.
26	23	26	43	48	64	70	47	56	52	40	59	42	100	586	429	446	569	921	94	1015
13	8	6	5	9	8	8	1	6	5	2	4	4	5	104	87	37	155	177	14	191
4	3	5	12	13	19	9	9	8	7	4	8	6	5	85	80	67	98	144	21	165
9	8	6	13	13	34	45	31	39	38	31	38	26	49	287	170	259	198	411	46	457
....	....	1	6	1	....	2	....	....	....	2	5	6	40	60	79	53	86	132	7	139
....	4	8	6	12	3	6	6	3	2	1	4	....	1	49	13	31	31	57	5	62
....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	1	....	....	....	....	....	....	....	....	....	....	....	....	2	6	....	8	8	....	8
1	....	....	....	....	....	....	....	....	....	....	....	....	....	4	2	....	6	6	....	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	....	5	5	....	5
1	5	....	3	5	5	3	....	3	3	1	....	....	....	21	8	9	20	28	1	29
1	....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	2	....	2
5	2	3	1	4	1	2	....	1	....	....	3	1	3	11	23	15	19	29	5	34
....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	2	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	46	38	....	84	79	5	84
1	....	1	....	....	....	2	1	2	1	1	1	2	2	9	5	9	5	11	3	14
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	1	....	1	....	....	....	....	....	....	1	....	3	....	1	2	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	1	....	....	....	1	....	....	....	....	2	....	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	3	....	3	4	2	1	3	3	3	7	15	18	4	20	2	22
1	2	4	11	11	15	6	6	4	3	3	4	3	1	37	38	41	34	60	15	75
2	....	....	....	....	....	....	....	....	....	....	....	....	....	31	19	....	50	47	2	50
1	1	1	1	2	....	1	....	....	....	....	....	....	1	7	4	5	6	10	1	11
....	....	....	....	....	1	1	....	....	....	....	1	....	....	1	2	2	1	3	....	3
....	....	....	....	....	....	1	....	....	2	....	....	....	....	2	2	1	3	4	....	4
....	....	....	1	....	....	....	1	....	....	2	....	....	1	6	6	5	7	10	2	12
1	1	....	1	....	1	....	1	1	2	3	1	....	1	13	6	7	12	16	3	19
1	....	....	....	1	1	2	1	....	....	2	2	1	2	9	6	10	5	14	1	15
1	1	1	2	1	3	2	3	3	3	2	3	3	7	23	13	25	11	29	7	36
....	1	....	....	....	....	....	....	....	1	....	....	....	....	12	10	1	21	22	....	22
....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	7	....	19	18	1	19
....	1	1	3	6	15	26	12	18	14	8	12	5	7	98	34	76	56	126	6	132
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	2	3	1	5	4	5	10	15	....	13	2	15
1	1	2	2	2	2	4	2	4	5	3	6	2	6	33	24	31	26	51	6	57
....	....	....	1	1	1	2	2	3	1	3	....	....	2	11	5	12	4	14	2	16
4	....	2	1	1	4	2	1	5	3	1	1	3	7	25	10	20	15	29	6	35
1	2	....	1	....	3	4	4	4	5	3	4	1	8	27	14	25	16	35	6	41
....	....	....	....	....	2	2	2	....	2	1	7	3	1	6	14	19	1	18	2	20
....	....	....	....	1	1	....	1	....	....	....	....	1	....	....	4	3	1	3	1	4
....	....	....	....	....	....	....	....	1	....	....	1	2	2	4	2	6	....	6	....	6
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	1	2	3	....	3
....	1	....	1	....	1	1	1	....	....	....	....	....	....	2	3	3	2	4	1	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	1	....	....	....	5	10	1	14	14	1	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	4	....	8	8	....	8
....	....	1	6	1	....	2	....	....	....	....	....	....	....	....	10	7	3	10	....	10
....	....	....	....	....	....	....	....	....	....	1	5	6	40	21	31	45	7	51	1	52
....	....	....	....	....	....	....	....	....	....	....	....	....	....	28	22	....	50	45	5	50
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	2	1	6	1	4	2	3	....	1	2	....	1	17	6	17	6	23	....	23
....	....	1	2	1	....	1	....	....	....	....	....	....	....	5	....	1	4	2	3	5
....	4	5	3	4	2	1	4	....	2	....	2	....	....	27	6	12	21	31	2	33
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1

TABLE NO. 21.

SHOWING THE REPORTED MORTALITY FOR SEPTEMBER, 1896.

The annual death rate per 1,000 during the month was 14.35, this being based on a popula-
annual increase. During the month there were 333 less deaths than the previous month.
not included in the monthly statement. Percentage of deaths in eleemosynary and other
stitutions to total mortality, 14.8. White population, 538,000; mortality rate per thousand,

CAUSES OF DEATH.	Total deaths reported during Sept., 1896.	Total deaths reported during Sept., 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	682	738	148	32	12	5	10	191	16
Total Zymotic Diseases	131	184	36	14	9	4	8	66	5
Total Constitutional Diseases	164	165	32	6			1	37	2
Total Local Diseases	252	253	29	11	3	1	1	41	4
Total Developmental Diseases	88	70	51					46	5
Total Deaths by Violence	47	64		1				1	
Total Unknown		2							
Small-Pox									
Measles		1							
Scarlatina									
Diphtheria	28	61	4	4	4	2	4	17	1
Croup	10	10		3	1	1	1	5	1
Whooping Cough	6	4	2	1	1	1	1	6	
Typhoid Fever	13	9							
Cerebro-Spinal Fever	1	1			1			1	
Rem't, Interm., Typ.-Mal'l, Cong. & S'ple Con. Fevs.	27	32	4	1	1		1	4	3
Puerperal Fever	1	1							
Diarrhœal Diseases: Under 5 years	29	53	24	4	1			29	
Other ages	8	9							
Erysipelas									
Pyæmia and Septicæmia	1	1							
Syphilis	3	1	1					1	
Alcoholism	1	1							
Other Zymotic Diseases	3		1	1			1	3	
Cancer and Malignant Tumor	22	21							
Phthisis and Tuberculosis — Pulmonary	89	91		1				1	
Marasmus — Tabes Mèsenterica and Scrofula	34	36	28	2			1	29	2
Hydrocephalus, Tubercular Meningitis, etc	9	11	2	3				5	
Rheumatism and Gout	1								
Other Constitutional Diseases	9	6	2					2	
Bronchitis	12	11	3	1				4	
Pneumonia	23	20	7	4				10	1
Other Diseases Respiratory Organs	18	12				1	1	2	
Diseases of Circulatory System	37	19	1						1
Meningitis and Encephalitis	11	13	6	2	1			8	1
Convulsions and Trismus	12	26	10		1			10	1
Heat Stroke	1	2							
LaGrippe	1	1	1					1	
Apoplexy	13	9							
Other Diseases of the Brain and Nervous System	29	36		4				4	
Cirrhosis of Liver and Hepatitis	19	18							
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	23	35							
Bright's Disease and Nephritis	31	20							
Other Diseases Urinary Organs	12	17			1			1	
Diseases Generative Organs	1	6							
Diseases Locomotory Organs	1	1							
Diseases of the Integument	2	6							
Other Local Diseases	6	1	1					1	
Cyanosis	3	1	3					3	
Inanition	12	9	12					11	1
Premature Birth	17	8	17					15	2
Puerperal Diseases (not including Puerperal Fever)	10	7							
Senility	27	25							
Other Developmental Diseases	19	20	19					17	2
Surgical Operations	5	4							
Deaths by Suicide	7	13							
Deaths by Homicide	5	6							
Deaths by Accident	30	41		1				1	
Execution by Warrant of Law									
Unknown		2							

TABLE NO. 21.—*Continued.*

tion of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Thirty-two certificates were issued for deaths occurring outside the city limits; these were
institutions of a public character to total mortality, 24.9. Percentage of deaths in city in-
13.58. Colored population, 32,000; mortality rate per thousand, 27.3.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
26	14	17	32	47	29	47	48	33	34	26	43	22	57	395	287	291	391	609	73	682
18	....	1	8	8	2	6	2	1	6	2	....	2	4	76	55	16	115	121	10	131
1	4	6	11	18	16	16	13	11	11	2	9	5	2	91	73	80	84	140	24	164
6	6	7	5	12	7	20	21	18	14	19	29	13	30	145	107	135	117	226	26	252
....	...	2	4	3	....	1	...	....	....	1	4	1	21	46	42	34	54	80	8	88
1	4	1	4	6	4	4	12	3	3	2	1	1	...	37	10	26	21	42	5	47
....	...	...	....	....	....	....	....	....	....	....	...	....	....	...	....	....	....	...	....	......
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
10	....	....	....	....	....	....	....	....	....	....	....	....	....	14	14	....	28	27	1	28
4	....	....	....	....	....	....	....	....	....	....	....	....	....	4	6	....	10	9	1	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	2	....	6	6	....	6
3	....	1	4	1	1	1	....	....	1	....	....	....	1	5	8	3	10	12	1	13
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
1	....	....	3	5	....	3	....	....	4	1	....	2	1	18	9	7	20	22	5	27
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	17	12	....	29	29	....	29
....	....	....	....	....	....	2	2	1	1	1	....	....	1	6	2	4	4	8	....	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	....	1
....	....	....	1	....	1	....	....	....	....	....	....	....	....	3	....	....	3	1	2	3
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	3	3	....	3
....	....	....	....	....	2	1	2	5	4	....	5	2	1	14	8	20	2	20	2	22
....	2	6	11	17	14	13	8	6	4	2	3	2	....	50	39	49	40	72	17	89
....	....	....	....	1	....	....	....	....	2	....	....	....	....	16	18	3	31	32	2	34
1	1	....	....	....	....	1	....	....	....	....	....	1	....	5	4	2	7	8	1	9
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	1	....	1
...	1	....	....	....	....	1	2	...	1	....	1	....	1	5	4	6	3	7	2	9
1	....	1	....	1	....	....	....	1	1	1	....	....	2	5	7	5	7	12	....	12
1	....	1	....	2	....	2	2	1	1	1	1	....	....	13	10	7	16	18	5	23
2	....	1	1	....	1	2	1	....	1	1	2	....	4	10	8	10	8	15	3	18
....	1	1	2	3	3	3	3	4	2	3	....	5	6	18	19	17	20	34	3	37
....	....	....	....	....	....	....	1	....	....	....	1	....	....	6	5	....	11	10	1	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	4	....	12	11	1	12
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	1	....	....	1	....	1	2	....	1	2	1	1	3	8	5	10	3	11	2	13
....	1	1	....	1	1	4	3	2	2	....	6	....	4	13	16	20	9	26	3	29
1	....	....	....	1	2	3	....	3	1	2	3	....	3	13	6	16	3	18	1	19
....	2	1	1	1	....	2	3	2	....	3	3	4	1	15	8	16	7	22	1	23
1	1	....	....	1	1	2	5	2	4	3	8	1	2	18	13	16	15	27	4	31
....	....	....	1	....	....	1	....	3	....	2	1	1	2	10	2	8	4	12	....	12
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	....	1	1
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	1	1	....	....	....	1	1	2	....	2	....	2
....	....	1	....	....	....	....	1	....	....	....	....	....	3	5	1	5	1	5	1	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	4	....	12	11	1	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	7	....	17	15	2	17
....	....	2	4	3	....	1	....	....	....	....	....	....	....	....	10	10	....	7	3	10
....	....	....	....	....	....	....	....	....	....	1	4	1	21	13	14	24	3	27	....	27
....	....	....	....	....	....	....	....	....	....	....	....	....	....	13	6	....	19	17	2	19
....	....	....	2	1	....	1	1	....	....	....	....	....	....	....	5	3	2	5	....	5
....	....	....	1	1	1	....	2	1	1	....	....	....	....	6	1	3	4	7	....	7
...	....	....	1	1	2	....	1	....	....	....	....	....	....	5	....	2	3	2	3	5
1	4	1	....	3	1	3	8	2	2	2	1	1	....	26	4	28	12	28	2	30
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....

TABLE NO. 22.

SHOWING THE REPORTED MORTALITY FOR OCTOBER, 1896.

The annual death rate per 1,000 during the month was 14.94, this being based on a popu-
annual increase. During the month there were 28 more deaths than the previous month.
were not included in the monthly statement. Percentage of deaths in eleemosynary and
city institutions to total mortality, 11. White population, 538,000; mortality rate per thou-

CAUSES OF DEATH.	Total deaths reported during Oct., 1896.	Total deaths reported during Oct., 1895.	AGES BY YEARS.						
								Total under 5 years.	
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	White.	Colored.
Total Deaths from all Causes	710	871	135	28	17	12	11	175	28
Total Zymotic Diseases	102	200	18	11	8	7	5	42	7
Total Constitutional Diseases	142	158	19	7	2	....	....	24	4
Total Local Diseases	324	344	48	7	6	3	5	59	10
Total Developmental Diseases	87	103	48	3	....	....	....	47	4
Total Deaths by Violence	55	62	2	....	1	2	1	3	3
Total Unknown	....	4	....	....	....	....	....	....	....
Small-Pox	....	....	....	....	....	....	....	....	....
Measles	....	....	....	....	....	....	....	....	....
Scarlatina	1	2	....	....	....	....	....	....	....
Diphtheria	25	87	1	3	2	6	3	15	....
Croup	13	31	....	1	4	1	1	7	....
Whooping Cough	3	2	2	....	1	....	....	2	1
Typhoid Fever	9	15	....	....	....	....	....	....	....
Cerebro-Spinal Fever	....	....	....	....	....	....	....	....	....
Rem't, Interm., Typ. Mal'l, Cong. & S'ple Con. Fevs.	20	24	1	1	1	....	....	3	....
Puerperal Fever	....	1	....	....	....	....	....	....	....
Diarrhœal Under 5 years	16	14	12	4	....	....	....	10	6
Diseases: Other ages	5	8	....	....	....	....	....	....	....
Erysipelas	....	2	....	....	....	....	....	....	....
Pyæmia and Septicæmia	....	4	....	....	....	....	....	....	....
Syphilis	1	1	1	....	....	....	....	1	....
Alcoholism	4	4	....	....	....	....	....	....	....
Other Zymotic Diseases	5	5	1	2	....	....	1	4	....
Cancer and Malignant Tumor	27	34	....	....	....	....	....	....	....
Phthisis and Tuberculosis — Pulmonary	73	77	1	....	....	....	....	....	1
Marasmus — Tabes Mesenterica and Scrofula	22	34	16	4	1	....	....	18	3
Hydrocephalus, Tubercular Meningitis, etc.	12	9	2	1	1	....	....	4	....
Rheumatism and Gout	....	....	....	....	....	....	....	....	....
Other Constitutional Diseases	8	4	....	2	....	....	....	2	....
Bronchitis	36	28	14	1	3	2	1	16	5
Pneumonia	50	50	11	3	1	....	2	14	3
Other Diseases Respiratory Organs	13	12	2	....	....	1	....	3	....
Diseases of Circulatory System	59	60	....	....	....	....	....	....	....
Meningitis and Encephalitis	8	8	1	2	....	....	....	3	....
Convulsions and Trismus	16	30	15	....	....	....	....	13	2
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	1	....	1	....	....	....	....	1	....
Apoplexy	17	16	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	26	44	1	....	1	....	2	4	....
Cirrhosis of Liver and Hepatitis	11	14	....	....	1	....	....	1	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	25	31	2	....	....	....	....	2	....
Bright's Disease and Nephritis	41	26	1	....	....	....	....	1	....
Other Diseases Urinary Organs	13	17	....	....	....	....	....	....	....
Diseases Generative Organs	4	4	....	....	....	....	....	....	....
Diseases Locomotory Organs	1	3	....	....	....	....	....	....	....
Diseases of the Integument	1	....	....	1	....	....	....	1	....
Other Local Diseases	2	1	....	....	....	....	....	....	....
Cyanosis	2	3	2	....	....	....	....	2	....
Inanition	13	14	11	1	....	....	....	11	1
Premature Birth	9	14	9	....	....	....	....	8	1
Puerperal Diseases (not including Puerperal Fever)	8	10	....	....	....	....	....	....	....
Senility	27	35	....	....	....	....	....	....	....
Other Developmental Diseases	28	27	26	2	....	....	....	26	2
Surgical Operations	6	2	....	....	....	....	....	....	....
Deaths by Suicide	14	14	....	....	....	....	....	....	....
Deaths by Homicide	4	8	....	....	....	....	....	....	....
Deaths by Accident	31	38	2	....	1	2	1	3	3
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	....	4	....	....	....	....	....	....	....

TABLE NO. 22.—*Continued.*

lation of 540,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Thirty-eight certificates were issued for deaths occurring outside the city limits; these
other institutions of a public character to total mortality, 21.9. Percentage of deaths in
sand, 14.21. Colored population, 32,000; mortality rate per thousand, 23.7.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
33	7	19	38	37	30	37	40	44	34	45	41	39	63	391	319	428	282	638	72	710
20	2	2	3	6	1	1	1	4	6	2	3	1	1	54	48	16	86	95	7	102
1	1	9	18	40	8	8	14	8	7	11	5	7	7	75	67	66	76	122	20	142
10	3	5	12	10	17	17	23	25	16	26	29	28	30	184	140	176	148	292	32	324
....	....	1	2	3	....	2	....	1	....	....	....	3	24	41	46	33	54	82	5	87
2	1	2	3	4	4	9	2	6	5	6	4	....	1	37	18	37	18	47	8	55
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	1	1	.	1
8	1	....	....	1	....	....	....	....	....	....	....	....	....	9	16	1	24	25	....	25
6	....	....	....	....	....	....	....	....	....	....	....	....	....	7	6	....	13	13	....	13
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	3	2	1	3
3	1	1	1	2	....	1	....	....	....	....	....	....	....	6	3	1	8	9	....	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	1	....	2	....	....	1	3	4	1	1	1	1	9	11	9	11	20	....	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	9	7	....	16	10	6	16
....	....	....	1	1	....	....	....	1	1	....	1	....	....	3	2	2	3	5	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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....	....	....	1	....	....	....	....	....	1	1	1	....	....	4	....	3	1	4	....	4
1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	2	....	5	5	....	5
....	....	....	....	....	1	1	5	3	4	4	1	5	3	11	16	22	5	23	4	27
....	....	8	16	9	6	7	7	4	3	5	3	1	3	42	31	33	40	60	13	73
....	....	....	....	1	....	....	....	....	....	....	....	....	....	10	12	1	21	19	3	22
1	....	....	1	....	1	....	2	1	....	1	....	....	1	5	7	6	6	12	....	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	1	1	....	....	....	....	....	....	1	1	1	....	7	1	4	4	8	....	8
1	1	....	1	....	....	....	....	1	....	2	2	1	6	13	23	12	24	31	5	36
6	....	1	7	2	1	....	4	4	1	2	3	....	2	30	20	15	35	44	6	50
....	....	....	....	....	1	2	2	1	....	....	1	2	1	6	7	10	3	11	2	13
1	....	1	1	6	1	8	5	7	4	5	8	7	5	34	25	46	13	55	4	59
1	....	....	1	....	....	1	....	1	....	1	....	....	....	4	4	2	6	8	....	8
....	....	1	....	....	....	....	....	....	....	....	....	....	....	9	7	....	16	13	3	16
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	1	3	2	1	1	3	6	....	12	5	16	1	15	2	17
1	....	1	....	1	2	2	1	....	2	2	1	4	5	16	10	19	7	24	2	26
....	....	....	....	....	3	....	1	2	2	....	1	....	1	9	2	6	5	11	....	11
....	1	1	2	....	2	....	1	1	3	3	3	2	4	13	12	14	11	23	2	25
....	....	....	....	3	5	3	6	4	1	8	4	4	2	28	13	21	20	36	5	41
....	1	....	....	....	1	....	....	2	1	1	2	1	4	7	6	10	3	13	..	13
....	....	....	....	2	....	....	....	....	1	1	....	....	....	....	4	3	1	3	1	4
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	1	....	....	....	....	....	1	....	....	2	....	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	..	2	2	....	2
....	....	....	....	....	....	....	....	1	....	....	....	....	....	7	6	1	12	12	1	13
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	4	....	9	8	1	9
....	....	1	2	3	....	2	....	....	....	....	....	....	....	..	8	7	1	8	....	8
....	....	....	....	....	....	....	....	....	....	....	....	3	24	12	15	25	2	26	1	27
....	....	....	....	....	....	....	....	....	....	....	....	....	....	16	12	....	28	26	2	28
....	....	....	....	1	....	2	....	1	1	1	....	....	....	....	6	6	..	5	1	6
....	....	1	1	1	1	2	1	....	2	1	3	....	1	11	3	10	4	14	....	14
1	....	1	....	1	....	1	....	....	....	....	....	....	....	3	1	1	3	2	2	4
1	1	....	2	1	3	4	1	5	2	4	1	....	....	23	8	20	11	26	5	31
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE NO. 23.

SHOWING THE REPORTED MORTALITY FOR NOVEMBER, 1896.

The annual death rate per 1,000 during the month was 13.30, this being based on a popula-
annual increase. During the month there were 78 less deaths than the previous month.
were not included in the monthly statement. Percentage of deaths in eleemosynary and
institutions to total mortality, 11.3. White population, 538,000; mortality rate per thousand,

CAUSES OF DEATH.	Total deaths reported during Nov., 1896.	Total deaths reported during Nov., 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	632	712	132	33	15	8	8	172	24
Total Zymotic Diseases	86	163	18	8	9	6	4	38	7
Total Constitutional Diseases	116	135	12	4	...	1	1	17	1
Total Local Diseases	309	277	57	20	5	1	2	71	14
Total Developmental Diseases	85	86	44	...	1	...	...	43	2
Total Deaths by Violence	35	51	...	1	...	...	1	2	...
Total Unknown	1	...	1	...	...	...	...	1	...
Small-Pox	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...
Scarlatina	1	1	...	...	...	...	...	...	...
Diphtheria	29	73	1	2	6	5	4	18	...
Croup	4	30	...	2	1	1	...	4	...
Whooping Cough	3	1	1	...	2	...	...	...	3
Typhoid Fever	7	13	...	...	...	...	...	...	...
Cerebro-Spinal Fever	...	2	...	...	...	...	...	...	...
Rem't, Interm., Typ-Mal'l, Cong. & S'ple Con. Fevs.	14	8	1	1	...	...	...	2	...
Puerperal Fever	1	1	...	...	...	...	...	...	...
Diarrhœal Diseases: Under 5 years	15	16	13	2	...	...	...	12	3
Diarrhœal Diseases: Other ages	6	8	...	...	...	...	...	...	...
Erysipelas	1	2	1	...	...	...	...	1	...
Pyæmia and Septicæmia	1	1	...	1	...	...	...	1	...
Syphilis	2	...	1	...	...	...	...	...	1
Alcoholism	2	3	...	...	...	...	...	...	...
Other Zymotic Diseases	...	4	...	...	...	...	...	...	...
Cancer and Malignant Tumor	16	24	...	...	...	...	...	...	...
Phthisis and Tuberculosis — Pulmonary	71	73	...	...	...	...	...	...	...
Marasmus — Tabes Mesenterica and Scrofula	17	22	12	3	...	...	1	15	1
Hydrocephalus, Tubercular Meningitis, etc	5	11	...	...	...	...	...	...	...
Rheumatism and Gout	...	1	...	...	...	...	...	...	...
Other Constitutional Diseases	4	4	...	1	...	1	...	2	...
Bronchitis	38	29	18	10	2	...	1	25	
Pneumonia	61	60	15	8	1	...	1	21	
Other Diseases Respiratory Organs	20	15	1	...	2	1	...	4	...
Diseases of Circulatory System	43	31	1	...	...	...	...	...	
Meningitis and Encephalitis	13	10	5	1	...	...	...	5	
Convulsions and Trismus	15	12	14	...	...	...	...	13	
Heat Stroke	...	...	...	...	...	...	...	...	...
LaGrippe	...	3	...	...	...	...	...	...	...
Apoplexy	5	13	...	...	...	...	...	...	...
Other Diseases of the Brain and Nervous System	19	25	1	...	...	...	...	1	...
Cirrhosis of Liver and Hepatitis	16	15	...	...	...	...	...	...	...
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	26	24	1	...	...	...	...	...	1
Bright's Disease and Nephritis	33	20	...	1	...	...	...	1	...
Other Diseases Urinary Organs	10	13	1	...	...	...	...	1	...
Diseases Generative Organs	2	1	...	...	...	...	...	...	...
Diseases Locomotory Organs	3	2	...	...	...	...	...	...	...
Diseases of the Integument	2	2	...	...	...	...	...	...	...
Other Local Diseases	2	2	...	...	...	...	...	...	...
Cyanosis	2	5	2	...	...	...	...	2	...
Inanition	7	6	6	...	1	...	...	6	1
Premature Birth	11	10	11	...	...	...	...	11	...
Puerperal Diseases (not including Puerperal Fever)	10	7	...	...		...	...	...	...
Senility	30	39	...	...	...	...	...	...	...
Other Developmental Diseases	25	19	25	...	.		...	24	1
Surgical Operations	1	5	...	...	...	...	...	...	...
Deaths by Suicide	8	9	...	...	...	...	...	...	...
Deaths by Homicide	3	6	...	...	...	...	...	...	...
Deaths by Accident	23	31	...	1	...	...	1	2	...
Execution by Warrant of Law	...	...	...	...	...	...	...	...	...
Unknown	1	...	1	...	...	...	...	1	...

TABLE NO. 23.— *Continued.*

tion of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Twenty-eight certificates were issued for deaths occurring outside the city limits; these
other institutions of a public character to total mortality, 19.3. Percentage of deaths in city
12.57. Colored population, 32,000; mortality rate per thousand, 22.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
19	7	14	31	44	33	40	23	34	29	30	33	27	72	341	291	285	347	572	60	632
9	3	4	6	3	2	3	3	2	1	3	1	....	1	38	48	14	72	77	9	86
1	....	5	14	16	9	14	9	4	7	8	6	2	3	60	56	59	57	102	14	116
7	3	3	7	15	14	17	9	26	19	16	25	24	39	180	129	155	154	278	31	309
....	....	....	2	1	2	5	....	....	....	2	1	....	27	37	48	39	46	80	5	85
2	1	2	2	9	6	1	2	2	2	1	....	1	2	25	10	18	17	34	1	35
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
8	3	....	....	....	....	....	....	....	....	....	....	....	....	12	17	....	29	29	....	29
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	3	....	3	3
....	....	....	3	2	....	1	....	....	1	....	....	....	....	3	4	4	3	6	1	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	2	2	....	2	1	1	1	....	1	....	....	1	5	9	6	8	14	....	14
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	9	....	15	12	3	15
....	....	....	1	1	....	1	1	....	....	1	1	....	....	3	3	2	4	6	....	6
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	2	....	2	....	2	2
....	....	....	....	....	....	....	1	1	....	....	....	....	....	2	....	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	....	2	1	1	3	3	2	1	2	5	11	13	3	13	3	16
....	....	5	13	14	8	9	8	3	4	5	3	1	1	45	29	40	34	66	8	74
....	....	....	....	....	....	1	....	....	....	....	....	....	....	7	10	1	16	16	1	17
1	....	....	1	1	1	1	....	....	....	....	....	....	....	3	2	3	2	4	1	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	4	2	2	3	1	4
....	....	....	....	....	....	....	....	....	2	....	1	1	3	19	19	5	33	32	6	38
1	1	....	1	3	3	4	....	5	5	1	4	5	4	32	30	27	35	33	9	62
....	....	1	....	2	2	....	2	....	2	....	5	....	2	16	4	8	12	19	1	20
1	....	1	1	3	4	1	1	7	3	5	6	3	6	23	20	30	13	39	4	43
1	1	....	1	1	....	1	....	1	....	....	....	....	1	11	2	4	9	12	1	13
1	....	....	....	....	....	....	....	....	....	....	....	....	....	9	6	....	15	14	1	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	1	1	....	1	....	....	....	1	1	1	4	4	1	5	....	5
....	....	....	2	1	....	3	....	1	2	1	4	1	3	10	9	13	6	19	....	19
....	....	....	....	....	....	3	....	1	1	3	2	3	3	9	7	12	4	14	2	16
2	....	1	....	2	2	1	1	4	....	3	....	3	6	14	12	15	11	23	3	26
1	1	....	1	3	2	2	2	4	3	1	2	3	7	26	7	21	12	30	3	33
....	....	....	1	....	....	....	1	1	1	1	....	2	2	6	4	8	2	9	1	10
....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	2	2	....	2	....	2
....	....	....	....	....	....	1	....	1	....	....	....	1	....	2	1	3	....	3	....	3
....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	2	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	1	....	....	1	2	....	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	5	....	7	6	1	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	3	....	11	11	....	11
....	....	....	2	1	2	5	....	....	....	....	....	....	....	....	10	9	1	9	1	10
....	....	....	....	....	....	....	....	....	....	2	1	....	27	13	17	30	....	28	2	30
....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	13	....	25	24	1	25
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	1	....	4	1	1	1	....	....	....	....	....	....	6	2	5	3	8	....	8
....	....	1	....	1	....	....	....	....	....	1	....	....	....	3	....	....	3	2	1	3
2	1	....	2	3	5	....	1	2	2	....	....	1	2	16	7	12	11	23	....	23
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1

TABLE NO. 24.

SHOWING THE REPORTED MORTALITY FOR DECEMBER, 1896.

The annual death rate per 1,000 during the month was 15.3, this being based on a popula-
annual increase. During the month there were 96 more deaths than the previous month,
were not included in the monthly statement. Percentage of deaths in eleemosynary and
institutions to total mortality, 13.8. White population, 538,000; mortality rate per thousand,

CAUSES OF DEATH.	Total deaths reported during Dec., 1896.	Total deaths reported during Dec., 1895.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years.	
								White.	Colored.
Total Deaths from all Causes	728	778	134	37	21	13	9	175	39
Total Zymotic Diseases	73	132	18	10	6	9	4	43	4
Total Constitutional Diseases	146	139	19	5	1	....	....	20	5
Total Local Diseases	364	361	55	20	12	4	5	71	25
Total Developmental Diseases	91	101	42	....	....	....	....	38	4
Total Deaths by Violence	50	43	....	2	2	....	....	3	1
Total Unknown	4	2	....	....	....	....	....	....	....
Small-Pox	....	....	....	....	....	....	....	....	....
Measles	....	....	....	....	....	....	....	....	....
Scarlatina	....	2	....	....	....	....	....	....	....
Diphtheria	30	58	2	7	4	7	1	20	1
Croup	10	16	1	2	....	1	3	6	1
Whooping Cough	2	2	2	....	....	....	....	1	1
Typhoid Fever	5	7	....	....	....	....	....	....	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	1	1	....	....	....	....	....	....	....
Rem't, Interm., Typ. Mal'l, Cong. & S'ple Con. Fevs.	2	13	1	....	....	1	....	2	....
Puerperal Fever	....	....	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	14	12	12	....	2	....	....	13	1
Diarrhœal Diseases: Other ages	1	7	....	....	....	....	....	....	....
Erysipelas	....	3	....	....	....	....	....	....	....
Pyæmia and Septicæmia	1	1	....	1	....	....	....	1	....
Syphilis	1	3	....	....	....	....	....	....	....
Alcoholism	5	....	....	....	....	....	....	....	....
Other Zymotic Diseases	1	7	....	....	....	....	....	....	....
Cancer and Malignant Tumor	22	19	....	....	....	....	....	....	....
Phthisis and Tuberculosis — Pulmonary	78	91	1	1	1	....	....	3	....
Merasmus — Tabes Mesenterica and Scrofula	18	17	15	1	....	....	....	13	3
Hydrocephalus, Tubercular Meningitis, etc	18	8	1	2	....	....	....	1	2
Rheumatism and Gout	6	3	....	....	....	....	....	....	....
Other Constitutional Diseases	4	1	2	1	....	....	....	3	....
Bronchitis	44	49	13	6	4	1	2	18	8
Pneumonia	82	81	15	10	4	2	2	21	12
Other Diseases Respiratory Organs	21	21	....	....	1	....	....	1	....
Diseases of Circulatory System	52	53	2	....	....	....	....	2	....
Meningitis and Encephalitis	10	7	4	1	2	1	....	6	2
Convulsions and Trismus	19	18	15	3	1	....	....	17	2
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	3	....	....	....	....	....	....	....	....
Apoplexy	9	13	....	....	....	....	....	....	....
Other Diseases of the Brain and Nervous System	37	37	3	....	....	....	1	4	....
Cirrhosis of Liver and Hepatitis	15	10	1	....	....	....	....	1	....
Enteritis, Gastro-Enteritis, Peritonitis & Gastritis	14	25	2	....	....	....	....	1	1
Bright's Diseases and Nephritis	40	32	....	....	....	....	....	....	....
Other Diseases Urinary Organs	12	7	....	....	....	....	....	....	....
Diseases Generative Organs	2	3	....	....	....	....	....	....	....
Diseases Locomotory Organs	1	....	....	....	....	....	....	....	....
Diseases of the Integument	....	1	....	....	....	....	....	....	....
Other Local Diseases	3	4	....	....	....	....	....	....	....
Cyanosis	3	5	3	....	....	....	....	2	1
Inanition	8	8	8	....	....	....	....	8	....
Premature Birth	8	9	8	....	....	....	....	7	1
Puerperal Diseases (not including Puerperal Fever)	8	6	....	....	....	....	....	....	....
Senility	40	39	....	....	....	....	....	....	....
Other Developmental Diseases	24	37	23	....	....	....	....	21	2
Surgical Operations	6	6	....	....	1	....	....	1	....
Deaths by Suicide	18	2	....	....	....	....	....	....	....
Deaths by Homicide	5	7	....	....	....	....	....	....	....
Deaths by Accident	21	28	....	2	1	....	....	2	1
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	4	2	....	....	....	....	....	....	....

TABLE NO. 24.—*Continued.*

tion of 570,000, computed on census figures of 1890 (460,000), at the rate of four per cent
Twenty-eight certificates were issued for deaths occurring outside the city limits; these
other institutions of a public character to total mortality, 22.6. Percentage of deaths in city
13.6. Colored population, 32,000; mortality rate per thousand, 43.

AGES BY YEARS.														SEX.		SOCIAL RELATIONS.		COLOR.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	MALE.	FEMALE.	MARRIED.	SINGLE.	WHITE.	COLORED.	TOTAL.
25	8	18	31	45	41	49	37	37	43	43	31	27	79	393	336	341	387	613	115	728
11	1	...	3	5	1	2	2	....	....	....	1	....	....	45	28	9	64	67	6	73
6	2	10	15	14	13	12	5	6	12	6	7	3	10	73	73	64	82	115	31	146
8	3	7	6	17	21	24	23	26	28	32	21	19	33	196	168	196	168	298	66	364
....	....	...	5	2	1	1	....	....	..	1	2	4	33	37	54	42	49	83	8	91
....	2	1	2	6	4	9	7	4	3	4	....	1	3	38	12	26	24	47	3	50
....	....	....	....	1	1	1	....	1	...	...	....	..	...	3	1	4	...	3	1	4
....	....	....	....	....	....	....	....	..	..	....	....	...	....	....	....	...	...	...	....	.....
....	...	....	....	....	....	...	...	...	...	....	..	...	....	....	....	....	....	..	....	.....
...	....	....	....	..	..	...	....	...	....	....	...	...	....	....	....	....	....	....	....	...
8	...	....	....	1	....	...	..	....	....	....	...	..	....	19	11	....	30	29	1	30
2	...	....	....	....	....	1	...	....	...	....	....	....	....	9	1	1	9	9	1	10
....	....	....	...	....	....	..	....	....	...	....	...	....	....	1	1	....	2	1	1	2
....	1	....	2	....	1	..	....	....	..	....	1	....	....	2	3	2	2	4	1	5
....	....	....	..	..	....	....	....	....	....	....	...	....	....	..	....	....	....	....	...	.....
....	....	...	1	...	....	....	....	....	....	....	...	....	....	....	1	....	1	1	....	1
..	...	....	....	....	....	....	....	....	....	....	...	....	....	2	....	....	2	2	...	2
....	....	...	....	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....	.....
....	....	....	....	...	...	....	....	....	....	....	..	...	...	7	7	...	14	13	1	14
...	....	....	...	....	....	....	1	....	..	....	....	..	....	1	....	1	....	1	...	1
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	.....
....	...	....	....	...	....	....	....	....	....	....	....	....	....	....	1	...	1	1	...	1
...	...	....	....	1	...	..	....	...	....	....	....	....	....	1	....	1	..	...	1	1
...	....	...	...	3	....	1	1	....	....	....	..	....	...	3	2	4	1	5	...	5
1	...	....	....	....	....	....	...	....	..	..	..	...	..		1	...	1	1	....	1
...	....	1	....	1	..	2	1	1	4	2	2	2	6	7	15	21	1	22	...	22
2	1	7	14	10	12	9	2	5	6	3	2	1	1	44	34	33	45	58	20	78
1	....	....	....	..	....	....	....	...	....	....	....	....	1	5	13	1	17	14	4	18
3	1	1	1	2	1	1	1	....	1	1	1	....	1	14	4	5	13	12	6	18
....	....	...	...	1	....	....	1	....	1	....	2	....	1	2	4	4	2	5	1	6
....	...	1	..	....	...	....	..	....	...	....	....	....	....	1	3	....	4	4	....	4
1	....	1	....	....	1	....	1	1	2	4	3	2	2	14	30	15	29	33	11	44
3	....	1	1	5	3	8	3	5	5	4	3	1	7	52	30	33	49	60	22	82
....	....	1	....	....	4	1	1	1	3	4	1	2	2	14	7	16	5	18	3	21
1	2	1	1	2	3	4	8	3	5	9	4	4	3	27	25	40	12	45	7	52
....	....	...	....	1	....	1	....	....	....	....	....	....	....	4	6	1	9	8	2	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	14	5	....	19	17	2	19
....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	...	....	....	....	....	.....
....	....	....	....	1	...	....	1	1	....	....	....	....	....	2	1	2	1	3	....	3
....	....	...	....	....	....	....	....	2	2	1	....	1	3	3	6	7	2	8	1	9
1	1	1	....	4	4	2	1	2	6	2	2	1	6	16	21	22	15	32	5	37
1	...	....	...	1	1	1	....	2	3	2	1	....	2	9	6	13	2	13	2	15
1	....	...	1	....	1	...	1	2	....	3	1	1	1	3	11	9	5	12	2	14
....	....	1	2	3	3	6	3	5	1	2	4	5	5	26	14	25	15	32	8	40
....	...	1	1	...	1	1	2	1	1	....	1	3	1	9	3	8	4	11	1	12
....	...	....	....	....	....	....	2	..	....	....	....	....	....	....	2	2	...	2	....	2
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....	....	....	....	.....
....	....	....	....	..	....	....	....	1	....	....	1	....	....	3	....	2	1	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	3	2	1	3
....	....	...	....	....	....	....	....	....	....	....	....	....	...	2	6	....	8	8	...	8
....	....	...	....	....	....	....	....	....	....	....	....	....	....	2	6	...	8	7	1	8
....	....	....	5	2	1	....	....	....	....	....	....	....	....	....	8	7	1	8	....	8
....	....	....	....	....	....	...	....	....	....	1	2	4	33	18	22	34	6	36	4	40
....	....	....	....	....	...	1	....	....	....	....	....	....	....	14	10	1	23	22	2	24
....	....	....	1	1	....	...	2	1	....	....	....	...	....	....	6	4	2	6	....	6
....	....	...	....	2	2	3	3	1	2	3	....	1	1	15	3	12	6	18	....	18
....	....	1	....	2	....	2	....	....	....	....	....	....	....	3	2	3	2	3	2	5
....	2	....	1	1	2	4	2	2	1	1	....	...	2	20	1	7	14	20	1	21
....	....	....	...	....	....	..	....	....	....	....	....	....	....	....	...	....	....	....	...	.....
..	....	..	..	1	1	1	....	1	....	....	....	....	...	3	1	...	....	3	1	4

TABLE NO. 25.

Meteorological Observations taken at the Weather Bureau during January, 1896.
Furnished for the use of the Health Department, by Local Forecast Official Weather Bureau, St. Louis.

January, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6 59 A. M.	6 59 P. M	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch	A. M.	P. M.
1	30.18	29.94	......	45	20	32	12	25	S.	30	Part cloudy.	......	60	49
2	29.80	30.10	......	47	26	36	22	16	N. W.	32	Cloudy.	.....	50	63
3	30.55	30.77	.....	14	5	10	6	0	N. W.	33	Clear.	T	95	58
4	30.81	30.57	.....	21	5	13	7	7	N. W.	22	Part cloudy.	......	53	52
5	30.46	30.24	.....	32	15	24	8	22	S. E.	18	Clear.	......	73	67
6	30.08	30.00	.....	55	29	42	22	37	S.	22	Clear.	......	67	69
7	30.07	30 27	.....	44	32	38	31	26	N. W.	21	Cloudy.	... ..	65	74
8	30.28	30 05	......	40	30	35	29	34	S. W.	15	Part cloudy.	T	88	87
9	30.02	30 06	......	48	34	41	30	33	W.	16	Part cloudy.	......	86	64
10	30.10	30.11	......	51	34	42	32	36	S.	9	Clear.	......	94	63
11	30 08	29 95	......	62	32	47	31	34	S.	34	Clear.	.....	94	50
12	30.26	30 29	....	30	23	26	21	20	N. W.	28	Part cloudy.	......	76	79
13	30.31	30.38	......	38	28	33	24	20	W.	13	Clear.	......	82	50
14	30.53	30.52	......	36	25	30	20	20	N. E.	12	Part cloudy.	......	73	54
15	30.49	30 37	.....	36	29	32	21	24	E.	18	Cloudy.	T	66	62
16	30.29	30.21	......	42	30	36	28	27	N. E.	9	Cloudy.	T	85	56
17	30.18	30 15	......	46	35	40	31	35	N. E.	9	Cloudy.	.01	82	68
18	30.13	30.19	.....	44	34	39	42	24	S.	24	Cloudy.	T	98	66
19	30 23	30.08	....	38	22	30	16	27	S. E.	16	Part cloudy.	.....	72	66
20	30 10	30.17	......	45	35	40	36	38	S. E.	16	Cloudy.	.02	92	80
21	30.08	29.94	.....	43	34	38	32	40	N. E.	17	Cloudy.	.03	86	94
22	29 78	29.69	.....	43	40	42	41	40	N. E.	18	Cloudy.	.47	96	98
23	29.63	29.71	......	37	32	34	36	32	N. E.	25	Cloudy.	.81	100	99
24	29.82	30.03	.....	30	26	28	23	26	N. W.	29	Cloudy.	03	88	89
25	30.22	30.40	......	30	26	28	24	25	W.	23	Cloudy.	T	87	83
26	30.50	30 54	......	33	25	20	22	23	W.	16	Clear.	.....	81	66
27	30 38	30.33	......	39	26	32	24	29	S. E.	15	Clear.	......	88	81
28	30 34	30.22	......	46	28	37	23	35	S. E.	15	Clear.	.....	75	80
29	30.23	30 20	......	55	35	45	32	41	S. E.	15	Clear.	......	89	79
30	30 25	30.16	.....	58	40	49	35	46	S. E.	15	Part cloudy.	T	76	70
31	30.05	30.03	....	57	49	53	49	54	S.	17	Cloudy.	.06	96	91
Av.	30 20	30 18	.....	42	28	35	26	29	S. E.	....	....	1.43	78	71

TABLE NO. 26.

Meteorological Observations taken at the Weather Bureau during February, 1896.

February, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6.59 A. M.	6.59 P. M.	Daily Mean.	‡ Max	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	30.03	30.05	......	53	38	46	44	35	N. W.	16	Cloudy.	T	96	87
2	29 86	29 55	......	37	32	34	32	32	N. E.	30	Cloudy.	.66	94	97
3	29.58	29 75	......	37	32	34	33	32	W.	30	Cloudy.	.05	100	86
4	29.80	29.80	......	42	31	36	29	34	W.	14	Cloudy.	......	85	76
5	29.79	29.68	......	38	31	34	33	26	N. W.	15	Cloudy.	T	98	74
6	29.64	29 80	......	35	29	32	26	26	N. W.	14	Cloudy.	......	83	75
7	29.96	30.07	......	33	28	30	26	23	N. W.	15	Cloudy.	T	89	68
8	30.06	29.97	.....	30	26	28	24	20	N.	16	Cloudy.	......	82	67
9	29.95	30.00	.....	39	23	31	21	30	S. W.	21	Cloudy.	T	87	80
10	29.83	30.22	.....	49	30	40	23	19	N. W.	40	Part cloudy.	....	56	47
11	30.33	30.25	......	43	28	36	23	20	S. W.	21	Part cloudy.	......	79	40
12	30.02	29 80	......	45	34	40	30	44	S. E.	29	Cloudy.	1 24	83	100
13	29.96	30.31	......	37	26	32	24	26	N. W.	28	Part cloudy.	.63	88	84
14	30.32	30.29	.....	56	28	42	25	34	S.	23	Clear.	......	78	54
15	30.04	30.29	......	50	26	38	33	24	N. W.	29	Cloudy.	....	69	74
16	30.46	30.54	......	28	19	24	17	13	N.	19	Part cloudy.	....	85	56
17	30 56	30.31	......	32	16	24	14	18	S. E.	16	Part cloudy.	......	82	53
18	30.23	30.02	......	42	28	35	21	26	W.	45	Part cloudy.	......	71	57
19	29.98	30.15	......	41	14	28	11	0	N. W.	36	Clear.	.....	51	33
20	30.36	30 50	......	18	5	12	8	2	N. W.	24	Clear.	......	51	49
21	30.57	30.45	....	36	14	25	8	16	S. E.	20	Clear.	......	73	50
22	30.33	30.20	......	52	29	40	30	43	S.	21	Cloudy.	T	90	89
23	30.18	30.23	......	58	41	50	40	38	S. W.	22	Part cloudy.	.05	79	60
24	30.28	30.28	......	61	37	49	33	33	W.	30	Clear.	......	83	63
25	30 39	30.08	......	58	32	45	28	29	S.	22	Clear.	......	80	41
26	29.88	29 66	......	72	48	60	30	47	S. W.	29	Part cloudy.	.....	42	50
27	29.61	29.57	......	75	51	63	34	48	S. W.	20	Part cloudy.	......	51	52
28	29 78	29.74	.....	54	37	46	33	29	N.	25	Part cloudy.	T	83	50
29	29 79	29.83	......	41	32	36	25	32	N.	18	Cloudy.	18	70	95
Av.	30.05	30.04	...	45	29	37	26	28	N. W.	....	Total,	2.81	78	66

* Barometer corrected for temperature, elevation above mean sea-level, and instrumental error. T — Rainfall inappreciable. ‡ Self-registering instruments.

TABLE NO. 27.

Meteorological Observations taken at the Weather Bureau during March, 1896.

March, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6.59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M	P. M.
1	30.09	30.19	......	40	28	34	26	30	N. W.	17	Part cloudy.	T	89	71
2	30.38	30.38	......	41	30	36	26	31	N.	15	Cloudy.	.....	79	75
3	30.35	30.42	......	35	28	32	26	26	N. E.	21	Cloudy.	.04	90	75
4	30.39	30.16	......	48	26	37	24	26	N. E.	19	Part cloudy.	......	80	45
5	30.04	29.83	......	48	39	44	28	44	S. E.	25	Cloudy.	.06	62	93
6	29.85	29.93	......	53	35	44	43	35	W.	20	Cloudy.	.32	96	100
7	30.16	30.17	.....	50	29	40	23	32	W.	23	Clear.	.08	73	58
8	30.32	30.25	.....	42	29	36	28	26	N. W.	24	Clear.	T	94	54
9	30.09	29.74	......	67	33	50	29	40	S. E.	30	Part cloudy.	T	81	47
10	29.95	29.85	......	54	37	46	32	26	N. W.	26	Part cloudy.	T	82	42
11	29 86	29.96	......	37	22	30	16	16	N. W.	31	Part cloudy.	T	68	60
12	30.12	30 26	......	29	20	24	17	13	N. W.	21	Clear.	T	83	54
13	30.43	30.48	.....	31	19	25	11	24	N. W.	14	Part cloudy.	......	69	77
14	30.62	30.41	......	32	24	28	16	29	N. E.	20	Cloudy.	.30	64	100
15	30.24	30.14	......	34	26	30	27	24	N.	13	Cloudy.	.10	94	70
16	30.09	30.14	......	39	27	33	22	29	S. W.	12	Part cloudy.	T	77	69
17	30 23	30.19	......	45	31	38	25	30	S. E.	12	Part cloudy.	......	74	61
18	30.13	29.93	......	42	34	38	26	34	E.	9	Cloudy.	08	63	98
19	30 01	30 23	......	34	28	31	28	21	N. W.	40	Cloudy.	.08	87	63
20	30 34	30.20	.....	46	25	36	16	24	W.	16	Clear.	T	63	48
21	30.02	29 99	......	64	36	50	23	43	S.	36	Part cloudy.	T	47	57
22	30 39	30.34	......	50	29	40	26	34	N. E.	17	Part cloudy.	T	79	70
23	30.48	30 58	......	39	30	34	30	32	N. E.	24	Clear.	.68	91	78
24	30.57	30.23	......	50	29	40	26	32	S. E.	20	Clear.	......	79	59
25	29.98	29.78	......	72	39	56	30	32	S.	36	Clear.	......	59	28
26	30.05	30 12	......	56	36	46	31	33	N. W.	25	Clear.	.02	77	59
27	30.08	29 81	......	52	35	44	30	25	S. E.	29	Part cloudy.	.01	82	37
28	29.53	29.48	......	70	47	58	45	55	S. E.	59	Cloudy.	T	69	70
29	29.67	29.72	......	63	53	58	47	54	N. E.	24	Cloudy.	.18	72	91
30	29.95	29.94	......	72	45	58	44	46	S. E.	18	Clear.	.....	89	50
31	29.89	29.80	......	74	54	64	53	58	S. E.	41	Part cloudy.	......	89	71
Av.	30.14	30.08	......	49	32	41	28	32	N. W.	....	Total	2.03	78	66

TABLE NO. 28.

Meteorological Observations taken at the Weather Bureau during April, 1896.

April, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6 59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	30.08	30 23	.....	65	36	50	30	23	W.	44	Clear.	T	76	43
2	30.28	30 30	.....	47	34	40	20	22	W.	43	Clear.	......	51	42
3	30.43	30.34	......	50	30	40	18	23	W.	15	Clear.	.....	53	36
4	30 38	30 24	.....	66	38	52	23	26	S. E.	15	Clear.	. ..	49	25
5	30.33	30 28	......	70	50	60	38	44	S.	18	Part cloudy.	T	62	52
6	30 36	30.30	.....	61	49	55	38	29	N. E.	19	Clear.	.02	64	34
7	30.30	30.24	......	57	46	52	30	38	E.	20	Cloudy.	.03	52	62
8	30.26	30.06	.....	55	44	50	31	35	S. E.	29	Cloudy.	T	58	56
9	30.031	30.14	......	65	48	56	50	47	W.	29	Part cloudy.	.05	83	60
10	30.135	29.94	.....	84	49	66	45	55	S. E.	32	Clear.	......	81	44
11	30.08	29.98	......	86	65	76	56	58	S.	30	Clear.	......	71	48
12	29.98	29 84	......	83	62	72	43	49	S. E.	43	Part cloudy.	T	47	36
13	29.79	29 69	......	72	58	65	59	52	S.	39	Part cloudy.	.32	89	63
14	29.88	29.84		78	53	66	52	58	S.	33	Clear.	.....	91	61
15	29.94	29.90	......	87	60	74	59	62	S.	30	Clear.	.....	88	54
16	30.10	30.05	......	88	69	78	65	64	S.	24	Clear.	.. ..	80	55
17	30.13	29.93	....	87	67	77	60	62	S.	25	Part cloudy.	T	77	53
18	29.97	29.87	....	87	68	77	58	56	S.	33	Part cloudy.	T	62	46
19	30 14	30.12	.....	74	52	63	50	58	S.	30	Part cloudy.	.12	91	66
20	30.09	29.93	......	88	65	76	63	59	S. W.	30	Part cloudy.	.....	83	45
21	30.09	30.07	......	72	60	66	56	45	N.	20	Part cloudy.	.05	82	44
22	30.19	30.05	....	69	51	60	40	51	S. E.	19	Part cloudy.	T	63	57
23	30 01	29 86	......	87	60	74	51	59	S.	30	Part cloudy.	T	63	45
24	30.03	30.03	.....	83	67	75	62	41	N. W.	17	Clear.	......	81	27
25	30.08	29.98	.....	71	63	67	48	60	S.	17	Cloudy.	T	57	76
26	29 92	29.81	......	77	56	66	54	65	S.	38	Cloudy.	.39	89	81
27	29.93	29.88	......	87	57	72	59	68	S.	23	Clear.	......	92	68
28	29.92	29 88	......	81	68	74	67	64	S. E.	36	Cloudy.	T	88	70
29	29.83	29.80	......	76	60	68	60	52	S. E.	36	Part cloudy.	1.45	85	58
30	29.84	29.79	.....	82	59	70	52	53	S. W.	22	Clear.	.....	73	44
31	...	.....	.....	....	...	...	...	....	....	.....	....	.....	...	....
Av.	30.08	30.01	.....	75	55	65	48	49	S.	....	Total	2.43	73	52

TABLE NO. 29.

Meteorological Observations taken at the Weather Bureau during May, 1896.

May, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6.59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	29 69	29 68	......	81	60	70	56	47	S.	45	Clear.	.19	87	38
2	29 85	29 92	.....	74	57	66	50	52	W.	20	Clear.	......	76	50
3	30.06	29.98	......	80	59	70	53	60	S.	15	Clear.	......	75	62
4	30.04	29.92	......	83	61	72	56	59	S.	15	Clear.	......	71	53
5	29.99	29.93	......	85	65	75	58	62	S.	14	Clear.	......	70	52
6	30.09	30 08	.....	89	67	78	58	64	S. E.	16	Clear.	.....	67	52
7	30 20	30.14	.....	89	69	79	56	60	S. E.	17	Clear.	......	62	46
8	30.23	30.14	......	88	68	78	88	62	S. E.	13	Clear.	......	61	48
9	30.21	30.10	......	90	71	80	60	62	S.	14	Clear.	.....	62	47
10	30 16	30.01	......	90	72	81	65	63	S.	18	Clear.	......	74	49
11	30.03	29.86	......	86	66	76	64	68	S.	32	Part cloudy.	.62	72	73
12	29.90	29 79	......	88	67	68	65	66	S.	24	Clear.	.....	83	58
13	29.79	29 74	......	80	63	72	57	61	S,	25	Cloudy.	.65	63	95
14	20.69	29 96	.....	69	62	66	60	55	S. W.	36	Part cloudy.	.08	95	64
15	30.12	30 01	.. ..	80	56	68	53	59	S. E.	27	Part cloudy.	......	76	55
16	29.94	29 78	......	83	61	72	62	75	S.	47	Cloudy.	1.20	96	91
17	30 02	29 93	.....	83	61	72	53	66	S.	29	Clear.	......	64	64
18	29 97	29.86	......	88	67	78	68	69	S.	30	Part cloudy.	.04	84	66
19	29.96	29.95	. ...	75	63	69	63	68	S. W.	21	Cloudy.	1.77	96	88
20	29 93	26.92	.....	83	65	74	66	66	S. E.	36	Part cloudy.	.46	93	68
21	29 99	30.00	.....	83	66	74	68	67	S. E.	29	Cloudy.	.43	87	88
22	30.12	30.11	......	74	67	70	66	64	N. E.	19	Part cloudy.	.29	93	79
23	30.16	30.11	......	81	64	72	64	72	S. E.	14	Clear.	......	88	85
24	30.11	29 96	.....	87	68	78	69	77	S. E.	17	Part cloudy.	.05	94	82
25	29.84	29 82	......	91	72	82	70	75	S. W.	30	Clear.	......	82	76
26	30.00	29.93	......	80	64	72	65	68	S.	22	Part cloudy.	.06	83	71
27	29.92	29.76	......	86	65	76	68	65	S.	120	Cloudy.	2.23	94	100
28	30.02	30.08	......	73	56	64	52	61	N. W.	28	Clear.	.89	83	73
29	30.14	30.00	......	78	57	68	54	56	W.	12	Clear.	.....	78	54
30	29.91	29 81	......	76	65	70	57	70	N.	24	Part cloudy.	......	71	84
31	29.75	29.92	.....	69	58	64	68	58	N. E.	31	Cloudy.	.16	98	99
Av.	29.99	29 94	......	82	64	73	61	64	S.	...	Total,	9.12	80	68

TABLE NO. 30.

Meteorological Observations taken at the Weather Bureau during June, 1896.

June, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum ty	
	6.59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	30.01	30.07	......	69	58	64	58	58	N. E.	30	Cloudy.	.11	92	77
2	30.09	29.98	.....	72	60	66	58	64	S. E.	16	Cloudy.	T	82	79
3	29.99	29.92	......	78	64	71	66	63	S. E.	14	Part cloudy.	.24	95	68
4	29.96	29.81	.....	88	65	76	63	69	S.	12	Clear.	T	81	61
5	30.00	29.95	.....	99	71	80	70	71	S.	10	Clear.	......	91	61
6	29.98	29.88	.....	90	72	81	72	72	S. E.	26	Clear.	.16	89	85
7	29.94	29.77	......	89	67	78	74	71	S.	40	Part cloudy.	......	87	66
8	29 81	29.73	....	83	66	74	64	61	W.	30	Part cloudy.	.64	86	59
9	29.79	29 90	......	71	57	64	57	55	N. W.	28	Cloudy.	.03	88	78
10	29.99	30.01	......	66	56	61	54	57	N. W.	16	Cloudy.	.02	81	75
11	30.09	29 98	......	78	58	68	59	61	N. E.	15	Part cloudy.	.....	85	62
12	30 04	29.87	......	77	58	68	52	47	N. W.	32	Part cloudy.	T	78	38
13	29.91	29.95	.....	79	60	70	52	55	N. W.	20	Clear.	.....	67	47
14	30.10	30.08	......	84	64	74	58	50	S.	10	Clear.	......	68	35
15	30.17	30.08	......	77	66	72	61	64	S. E.	20	Cloudy.	.41	85	78
16	30.11	30.04	......	85	63	74	60	63	N. E.	15	Clear.	.....	82	54
17	30.05	29.96	.....	83	68	76	65	62	N. E.	15	Part cloudy.	.01	83	54
18	30.02	29.96	......	86	66	76	66	67	S.	9	Clear.	.29	86	59
19	30 05	29.95	......	90	71	80	66	68	S.	15	Part cloudy.	.....	72	56
20	30.01	29.96	.....	91	74	82	67	68	S.	20	Part cloudy.	......	69	56
21	30.00	29.95	......	89	63	76	68	71	S.	65	Part cloudy.	.60	71	69
22	29.99	29.89	......	85	71	78	70	73	S. E.	23	Part cloudy.	.12	88	79
23	29 90	29 84	......	87	71	79	71	70	S. W.	13	Part cloudy	.49	95	67
24	29 95	30 00	......	88	71	80	68	69	S. W.	25	Part cloudy.	.34	78	86
25	20 14	30.12	......	91	71	81	73	73	S.	14	Part cloudy.	T	89	65
26	30.30	30.23	.....	78	67	72	64	61	N.	17	Cloudy.	.61	77	77
27	30.11	29.90	.....	80	64	72	62	68	N. W.	17	Cloudy.	.50	87	86
28	29.91	29.95	.....	82	67	74	68	58	N. W.	17	Clear.	.....	86	50
29	30.12	30.14	......	84	65	74	58	59	N. W.	12	Clear.	.....	66	48
30	30.24	30.17	.....	87	68	78	62	60	N.	10	Clear.	.....	63	46
Av.	30.02	29.97	.....	83	65	74	64	46	S	.. ..	Total,	4 57	82	64

TABLE NO. 31.

Meteorological Observations taken at the Weather Bureau during July, 1896.

July, 1896.	* BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6.59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	30.20	30.08	......	88	71	80	64	62	S. E.	12	Part cloudy.	......	66	48
2	30.09	30 02	......	81	70	76	68	72	S.	16	Part cloudy.	.18	82	77
3	30.05	29.90	......	89	72	80	70	75	S.	19	Part cloudy.	.....	81	70
4	30.02	29 98	......	88	73	80	69	74	W.	20	Part cloudy.	.27	81	89
5	30.02	29.96	......	83	71	77	66	62	N.	15	Cloudy.	....	80	55
6	30.04	30.02	.....	87	67	77	62	71	N. W.	25	Clear.	.14	76	95
7	30 17	30.10	.....	78	62	70	58	56	N. E.	17	Clear.	.14	81	52
8	30.13	30.06	......	81	60	70	58	54	N. W.	16	Clear.	......	82	44
9	30.09	30.06	......	84	64	74	57	52	S. E.	14	Clear.	.....	67	39
10	30 18	30.14	......	85	67	76	62	61	S.	9	Part cloudy.	......	77	48
11	30.22	30.13	......	88	68	78	66	62	S.	12	Part cloudy.	......	76	46
12	30.19	20 09	......	88	75	82	68	72	S.	24	Part cloudy.	.05	73	69
13	30.14	30.06	......	90	73	82	69	70	S. W.	28	Part cloudy.	.35	78	77
14	30.10	29.94	......	94	74	84	74	75	S. W.	20	Part cloudy.	......	86	62
15	29 95	29.88	......	90	78	84	72	71	N. E.	28	Cloudy.	T	74	69
16	30.02	30.03	......	78	63	70	62	54	S. E.	20	Part cloudy.	.03	85	50
17	30.15	30.09	....	82	58	70	54	63	S. E.	16	Cloudy.	.....	74	59
18	30.13	30.04	......	86	67	76	60	73	S.	15	Part cloudy.	.11	76	73
19	30 04	29.99	......	88	73	80	72	73	S. W.	26	Cloudy.	.12	-85	82
20	30 02	29.97	......	81	72	76	72	76	S.	22	Cloudy.	1.80	98	91
21	30.05	30 00	.....	80	68	74	74	74	S.	45	Cloudy.	1.02	93	87
22	30.09	30.16	.....	91	70	80	74	73	N. W.	31	Part cloudy.	.38	93	95
23	30.10	29 90	.....	92	72	82	69	76	S. E.	28	Clear.	T	80	75
24	29.85	30.03	......	82	66	74	72	74	S.	18	Cloudy.	T	73	78
25	30.13	30.03	......	82	65	74	65	73	S.	12	Part cloudy.	......	90	78
26	29.97	29.99	......	96	73	84	73	76	S.	28	Clear.	......	87	61
27	29 93	29 91	....	98	78	88	72	76	S.	30	Clear.	......	74	59
28	30.01	29.97	......	96	80	88	70	71	S. W.	23	Clear.	....	68	51
29	30.06	30.00	......	96	79	88	72	73	S. W.	20	Clear.	.....	72	56
30	30.05	30.00	......	98	80	89	73	76	S. W.	25	Clear.	......	73	59
31	30.09	30.00	......	95	73	84	73	74	E.	53	Clear.	.08	83	87
Av.	30.07	30 02	. ...	88	70	79	67	69	S.	....	Total,	4 67	80	67

TABLE NO. 32.

Meteorological Observations taken at the Weather Bureau during August, 1896.

August, 1896.	* BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6 59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	29.94	29.88	......	94	74	84	74	68	N. W.	25	Clear.	......	87	65
2	30.00	29.97	......	86	70	78	67	66	N.	12	Part cloudy.	......	84	57
3	30 03	29.98	......	92	72	82	68	68	S. E.	12	Clear.	......	81	56
4	30.03	29.95	....	97	74	86	71	75	S.	16	Clear.	......	83	59
5	29.96	29.89	.....	98	78	88	74	75	S. W.	20	Clear.	......	76	57
6	29.99	29.96	......	99	80	90	72	72	S.	14	Clear.	......	68	48
7	30.02	29.99	......	100	82	91	73	74	S.	19	Clear.	.07	68	59
8	29.99	29.92	......	100	82	91	72	78	S.	20	Clear.	.....	69	63
9	29.99	29.92	......	99	82	90	70	74	S.	20	Clear.	.....	64	56
10	30 03	30.02	.....	91	78	84	70	73	S.	27	Clear.	.....	72	68
11	30.06	30.01	......	97	76	86	72	75	S.	16	Clear.	......	83	57
12	30.07	30.06	......	94	70	82	74	70	S. W.	36	Part cloudy.	.60	78	92
13	30.15	30.05	......	89	69	79	68	71	N. E.	12	Clear.	......	91	62
14	30.10	30.03	......	88	74	81	71	71	S.	38	Part cloudy.	......	83	69
15	30.05	30.02	......	97	74	86	70	73	S.	21	Part cloudy.	......	84	73
16	30.16	30.13	......	85	69	77	70	75	N.	49	Part cloudy.	1.36	93	85
17	30.23	30.16	......	77	67	72	65	70	N.	14	Part cloudy.	T	88	85
18	30.16	30.16	.....	79	66	72	63	72	N.	14	Part cloudy.	.01	85	88
19	30.29	30.21	.....	79	60	70	56	59	N. E.	15	Clear.	......	81	60
20	30.20	29.99	.....	85	64	74	56	71	S.	12	Part cloudy.	..... .	74	71
21	29.86	29.75	......	96	72	84	71	81	S. W.	21	Clear.	.04	90	73
22	29.81	29.81	.....	96	80	84	72	71	S. W.	26	Part cloudy.	......	74	66
23	30.07	30.11	......	76	64	70	57	50	N. W.	17	Part cloudy.	.01	71	44
24	30.18	30.07	......	85	60	72	55	58	S. W.	12	Clear.	.....	79	47
25	30.07	29.94	......	85	66	76	62	62	S.	31	Clear.	......	81	58
26	30.02	30.17	......	78	68	73	61	46	N.	23	Clear.	.03	72	38
27	30.32	30.30	......	80	60	70	52	48	N.	14	Clear.	......	68	40
28	30.42	30.28	......	80	60	70	50	48	N. E.	12	Clear.	......	66	37
29	30.27	30.10	......	79	61	70	54	59	S. E.	10	Part cloudy.	......	70	58
30	30.05	29.90	......	88	62	75	59	60	S. W.	13	Clear.	.....	78	46
31	30.01	30.06	......	82	66	74	58	52	N.	18	Clear.	......	73	44
Av.	30 08	30 02	......	89	70	79	65	66	S.	....	Total,	2.12	78	61

TABLE NO. 33.

Meteorological Observations taken at the Weather Bureau during September, 1896.

Septem'r, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6 59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	30.21	30.11	......	83	61	72	54	51	S. E.	14	Part cloudy.	......	71	40
2	30.10	29 97	......	93	63	78	54	68	S.	26	Clear.	......	62	56
3	30.07	30.14	.....	75	63	69	67	61	N.	19	Cloudy.	T	88	76
4	30.17	29.94	......	78	59	68	51	66	N. E.	16	Cloudy.	.07	73	86
5	29.89	29 90	.....	79	63	71	64	58	W.	30	Part cloudy.	.14	92	64
6	30.06	30.02	......	75	54	64	50	52	W.	15	Clear.	......	80	53
7	30.05	29 93	......	80	56	68	52	65	S. E.	21	Clear.	.....	80	75
8	29.99	29.93	......	80	62	71	60	66	S. E.	20	Part cloudy.	.32	87	74
9	29.99	29.95	......	91	69	80	60	64	S.	19	Part cloudy.	......	67	52
10	29.94	29 82	......	92	66	79	58	66	S.	24	Clear.	T	72	55
11	29.88	29.94	......	84	67	76	70	65	N.	16	Part cloudy.	T	86	81
12	30.08	30.07	......	90	65	78	67	70	N. E.	10	Part cloudy.	......	99	58
13	30.19	30.14	......	95	74	84	68	68	S. E.	21	Part cloudy.	......	79	64
14	30.12	30.05	......	93	73	83	67	70	N. E.	21	Part cloudy.	.02	76	84
15	30 07	30 01	......	78	70	74	68	68	N.	14	Cloudy.	T	91	82
16	29.98	29.77	.....	85	66	76	66	71	N. E.	33	Part cloudy.	.01	95	80
17	29.78	29.87	......	76	68	72	66	67	N.	28	Part cloudy.	T	89	86
18	29.92	29.81	......	85	64	74	62	70	N.	20	Part cloudy.	.01	90	93
19	30.11	30.26	......	67	50	58	55	44	N.	30	Part cloudy.	.69	97	64
20	30.31	30.12	......	63	45	54	42	47	N. E.	11	Part cloudy.	......	83	65
21	30.06	30.02	......	71	55	63	49	52	W.	16	Cloudy.	......	78	58
22	30.22	30.34	......	62	51	56	46	44	N. W.	21	Clear.	......	86	62
23	30.46	30.30	......	66	45	56	39	46	S. E.	12	Clear.	......	76	57
24	30.26	30.06	......	76	45	60	41	57	S. E.	23	Clear.	.....	78	67
25	30.03	30 03	......	80	58	69	57	66	S.	22	Part cloudy.	.25	87	82
26	30.14	30.07	......	80	63	72	64	63	S.	21	Part cloudy.	.36	95	90
27	30.20	30.21	......	64	52	58	50	52	N.	23	Cloudy.	.19	89	88
28	30.13	30.01	......	52	46	49	42	47	N. W.	26	Cloudy.	.32	73	94
29	29.87	29 81	......	52	47	50	46	47	W.	25	Cloudy.	.04	94	86
30	29.87	30.02	......	79	50	64	44	52	W.	27	Clear.	T	75	49
Av.	30 07	30 02	......	77	59	68	56	59	S.	......	Total,	2.42	73	71

TABLE NO. 34.

Meteorological Observations taken at the Weather Bureau during October, 1896.

October, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6 59 A. M.	6 59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	30.18	30.16	......	78	56	67	52	55	W.	15	Clear.		80	56
2	30.12	30.08	......	71	54	62	50	49	N.	14	Clear.	T	82	55
3	30.15	30.10	......	67	49	58	47	48	N. E.	13	Clear.	......	90	57
4	30.17	30 11	.....	74	52	63	42	50	S. E.	12	Clear.	.....	72	57
5	30 15	30.11	......	79	55	67	51	56	S.	22	Clear.	...	80	54
6	30.24	30.30	......	65	54	60	54	40	N. W.	21	Clear.	.49	91	49
7	30.37	30.29	.....	61	46	54	41	35	N.	14	Clear.	......	82	47
8	30.34	30.22	......	60	42	51	34	37	N. E.	12	Clear.	......	73	50
9	30.25	30.13	......	68	44	56	36	50	S. E.	15	Clear.	.....	78	63
10	30 14	30.03	......	71	55	63	51	54	S. E.	21	Part cloudy.	.01	85	62
11	29.94	29.96	......	64	48	56	53	47	W.	14	Cloudy.	.24	83	93
12	30 04	30.14	......	62	48	55	51	55	N. W.	14	Cloudy.	T	94	88
13	30 25	30.19	.....	65	48	56	47	43	N. W.	16	Clear.	.....	96	54
14	30.22	30.12	......	72	47	60	41	39	N. W.	14	Clear.	......	78	38
15	30.12	30 02	.....	75	51	63	43	41	W.	17	Clear.	.....	74	40
16	30.03	29.94	......	65	49	57	39	31	W.	16	Clear.	......	71	34
17	30 00	30.12	......	56	43	50	38	30	N. W.	35	Part cloudy.	......	78	49
18	30.18	30.17	......	54	38	46	29	29	W.	15	Clear.	......	69	48
19	30 11	29 78	.....	72	39	56	31	48	S.	16	Clear.	.17	71	57
20	29.95	30 02	......	60	42	51	30	29	N.	16	Part cloudy.	.11	76	46
21	30.15	30.04	......	62	38	50	33	35	S.	16	Clear.	.....	83	45
22	30.11	30.05	......	65	47	56	41	41	N.	12	Part cloudy	......	79	51
23	29.99	29.93	......	55	40	48	37	33	N.	18	Cloudy.	.07	75	68
24	30.01	30.06	......	55	36	46	30	32	W.	16	Clear.	......	76	46
25	30 12	30.04	......	65	39	52	33	38	S.	16	Clear.	.....	74	51
26	30.13	30.07	......	69	46	58	42	50	S.	12	Clear.	......	83	68
27	30.08	29.98	......	75	52	64	49	54	S. E.	21	Clear.	......	93	60
28	30.01	29.96	.....	80	63	72	60	63	S.	18	Part cloudy.	T	89	71
29	29 87	29.59	......	72	66	69	64	66	S. E.	39	Cloudy.	.18	88	86
30	29 78	29.90	......	66	46	56	39	37	S. W.	48	Clear.	.02	72	50
31	30.01	29.96	......	65	44	54	32	37	S. W.	27	Clear.	......	63	63
Av.	30.10	30.05	......	67	48	57	43	44	S. E.	....	Total,	1.20	80	57

TABLE NO. 35.

Meteorological Observations taken at the Weather Bureau during November, 1896.

Nove'ber, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6 59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	29.98	29 92	......	73	49	61	42	48	S.	19	Clear.	......	76	55
2	29.94	29.96	......	70	57	64	48	57	S.	37	Part cloudy.	.01	70	85
3	30.06	29.91	......	67	55	61	46	56	S. E.	22	Cloudy.	.44	70	84
4	29.82	29 89	......	60	35	48	48	38	N. W.	21	Cloudy.	.65	90	84
5	29.89	29.91	......	53	34	44	30	34	W.	25	Part cloudy.	.32	82	58
6	29.96	29.93	......	65	42	54	36	49	S.	23	Part cloudy.	......	81	72
7	30.17	30.22	......	42	35	38	25	26	W.	28	Cloudy.	T	68	66
8	30.20	30.12	......	35	30	32	20	24	W.	19	Cloudy.	......	62	69
9	30.06	29.95	......	43	28	36	26	26	S. E.	31	Cloudy.	.....	89	56
10	29 82	29 70	......	58	36	47	30	55	S. E.	30	Cloudy.	.08	63	91
11	30.06	30.20	......	47	35	41	29	31	N.	20	Cloudy.	.10	75	64
12	30.32	30.42	......	52	34	43	29	29	W.	21	Clear.	......	81	60
13	30.48	30.31	......	53	30	42	26	26	S. W.	15	Clear.	......	83	43
14	30.16	30.04	......	66	42	54	25	35	S.	25	Clear.	.....	44	43
15	30.07	30.04	......	71	50	60	43	49	S.	25	Clear.	......	78	60
16	30.13	30.12	......	76	58	67	52	56	S.	26	Clear.	......	78	69
17	30.18	30.05	......	78	63	70	56	59	S.	21	Part cloudy.	T	79	65
18	30.01	30.21	......	77	37	57	57	40	S.	30	Part cloudy.	T	83	85
19	30.47	30.44	......	39	32	36	27	32	S.	22	Cloudy.	.15	79	75
20	30.42	30.28	......	43	35	39	33	38	N.	13	Cloudy.	.09	95	88
21	30.20	30.45	......	48	32	40	46	28	N. E.	20	Cloudy.	.63	96	73
22	30.57	30.40	......	38	30	34	26	31	N. W.	16	Cloudy.	......	84	78
23	30.25	30.25	......	61	38	50	42	50	S.	30	Cloudy.	.....	92	80
24	30.37	30.30	......	64	55	60	55	59	S. E.	19	Cloudy.	.08	97	93
25	30.26	30.08	......	63	57	60	57	58	S.	22	Cloudy.	.16	94	88
26	29.79	29.67	......	67	51	59	55	55	S.	37	Cloudy.	.96	74	84
27	30.08	30.31	......	51	21	36	23	13	N. W.	29	Cloudy.	.03	68	58
28	30.58	30.65	......	21	15	18	11	8	N. W.	20	Part cloudy.	T	82	57
29	30.74	30.73	......	24	14	19	6	8	N. W.	16	Clear.	......	64	55
30	30.82	30.70	......	24	13	18	6	13	N. W.	13	Clear.	......	71	65
Av.	30.20	30.17	.....	54	38	46	35	38	S.	....	Total,	3.70	78	70

TABLE NO. 36.

Meteorological Observations taken at the Weather Bureau during December, 1896.

Dece'ber, 1896.	*BAROMETER.			TEMPERATURE.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE.	RAIN.	Rel'tive Hum'ty	
	6.59 A. M.	6.59 P. M.	Daily Mean.	‡ Max.	‡ Min.	Daily Mean.			Prevailing Dir.	‡ Extreme Hourly Vel. Mi.	Weather.	Inch.	A. M.	P. M.
1	30 60	30.47	......	32	17	24	9	13	S. E.	12	Clear.	.....	67	45
2	30.44	30 36	......	33	25	29	19	15	S. E.	12	Cloudy.	T	66	48
3	30 39	30.24	......	46	25	36	19	26	S.	20	Cloudy.	......	74	57
4	30 09	29.99	......	57	37	47	22	29	S. W.	30	Clear.	......	50	44
5	29 86	29.90	.....	62	45	54	30	34	S.	32	Clear.	......	52	44
6	29.99	29.99	......	60	44	52	34	41	S.	14	Clear.	.....	62	60
7	30 22	30.24	......	44	34	39	31	37	N.	19	Cloudy.	T	86	92
8	30.06	30.14	......	45	37	41	38	37	W.	17	Cloudy.	.94	96	88
9	30 21	30.11	......	60	35	48	32	34	S. W.	28	Clear.	......	89	46
10	30.14	30.18	......	62	44	53	35	34	W.	20	Clear.	.....	70	44
11	30.22	30.02	......	68	41	54	33	38	S.	17	Clear.	......	72	44
12	29 83	29.78	......	64	48	56	35	36	S.	16	Cloudy.	.....	58	43
13	29 84	29 83	......	54	40	47	33	37	N.	13	Clear.	......	69	65
14	29.88	30.02	......	42	36	39	36	35	N.	18	Cloudy.	......	92	84
15	30.18	30.26	......	41	37	39	32	34	N. W.	20	Cloudy.	.....	79	80
16	30 30	30.18	......	45	35	40	28	32	S. E.	18	Part cloudy.	.....	76	69
17	30 03	29.88	. ....	44	37	40	32	41	S.	27	Cloudy.	.01	82	92
18	30 22	30.46	......	38	28	33	30	22	N. W.	24	Cloudy.	T	86	72
19	30.43	30.26	......	31	27	29	20	24	S. W.	10	Cloudy.	......	70	74
20	30.17	30.17	......	41	27	34	22	25	S.	13	Clear.	......	78	68
21	30.20	30.08	......	37	23	30	22	26	S. E.	12	Clear.	.....	93	66
22	29.84	29 97	......	52	34	43	30	32	W.	28	Clear.	......	71	58
23	30.26	30.55	......	42	30	36	31	24	N.	13	Cloudy.	......	90	66
24	30.77	30.76	......	32	23	28	21	15	N.	16	Clear.	......	87	45
25	30.68	30.39	......	37	22	30	16	18	S.	24	Part cloudy.	......	73	45
26	30.43	30 58	......	35	30	32	29	27	N. W.	12	Cloudy.	......	88	77
27	30.63	30.59	......	43	30	36	24	28	S. E.	15	Part cloudy.	.....	68	68
28	30.54	30.45	......	52	33	42	30	32	S.	20	Cloudy.	T	86	55
29	30.44	30 38	......	51	43	47	42	45	S.	15	Cloudy.	.03	96	84
30	30.40	30.35	.....	63	48	56	42	48	S.	15	Part cloudy.	......	83	72
31	30.28	29.99	......	60	44	52	42	53	S. E.	26	Cloudy.	.07	89	88
Av.	30 25	30.21	......	48	34	41	29	31	S.	... .	Total	1.05	77	64

TABLE NO. 37.

SHOWING THE NUMBER OF CERTIFIED COPIES OF DEATH AND BIRTH CETIFICATES ISSUED.

Month.	Of Death.	Of Birth.	Total.
April, 1896	93	5	98
May	72	2	74
June	71	3	74
July	68	1	69
August	81	10	91
September	76	9	85
October	69	3	72
November	70	4	74
December	51	....	51
January, 1897	64	4	68
February	69	1	70
March	74	1	75
Total	858	43	901

Total receipts at one dollar for each certificate .... $901.00.

TABLE NO. 38.

SHOWING THE NUMBER OF VACCINE POINTS RECEIVED AND THE SOURCE DERIVED FROM.

Month.		Number of Points.
April, 1896	Dr. R. M. Higgins, Webster Groves, Mo.	2,500
May	" "	900
June	....	....
July	....	....
August	....	....
September	Dr. R. M. Higgins, Webster Groves, Mo.	3,550
October	" "	4,100
November	" "	1,700
December	" "	600
January, 1897	" "	900
February	" "	100
March	....	....
Total points		14,350

TABLE NO. 39.

SHOWING ABSTRACTS OF MONTHLY REPORTS MADE BY THE CORONER.

					SOCIAL CONDITION.					CAUSES OF DEATH.					
	White.	Colored.	Adult.	Minors.	Married.	Single.	Widow.	Divorced.	Unknown.	Natural.	Accidental.	Homicide.	Suicide.	Unknown.	No. of Inquests Reported.
January —															
Males	52	5	43	14	16	33	4	....	4	22	24	4	6	1	57
Females	13	5	12	6	4	8	5	...	1	15	2	...	1	....	18
Total	65	10	55	20	20	41	9	..	5	37	26	4	7	1	75
February —															
Males	44	8	42	10	18	33	1	....	...	20	16	7	8	1	52
Females	12	6	11	7	5	8	5	....	...	12	2	1	3	....	18
Total	56	14	53	17	23	41	6	...	..	32	18	8	11	1	70
March —															
Males	36	5	35	6	14	18	7	....	2	18	9	6	8	..	41
Females	15	2	12	5	9	6	1	....	1	13	1	1	1	1	17
Total	51	7	47	11	23	24	8	....	3	31	10	7	9	1	58
April —															
Males	45	2	42	5	19	19	1	...	8	18	13	4	5	7	47
Females	10	5	8	7	4	8	3	...	....	10	2	2	....	1	15
Total	55	7	50	12	23	27	4	..	8	28	15	6	5	8	62
May —															
Males	85	16	82	19	39	39	8	...	15	14	67	7	4	9	101
Females	36	3	25	14	11	13	6	...	9	9	22	....	5	3	39
Total	121	19	107	33	50	52	14	...	24	23	89	7	9	12	140
June —															
Males	85	10	76	19	32	45	5	....	13	20	42	7	20	6	95
Females	9	4	9	4	4	4	3	....	2	9	2	1	1	....	13
Total	94	14	85	23	36	49	8	....	15	29	44	8	21	6	108
July —															
Males	72	9	65	16	27	32	4	1	17	22	31	10	14	4	81
Females	12	5	12	5	7	6	4	....	....	11	4	1	....	1	17
Total	84	14	77	21	34	38	8	1	17	33	35	11	14	5	98
August —															
Males	97	9	90	16	39	43	13	1	10	53	24	6	18	5	106
Females	21	4	19	6	10	8	6	....	1	15	4	....	4	2	25
Total	118	13	109	22	49	51	19	1	11	68	28	6	22	7	131
September —															
Males	43	6	42	7	20	21	3	....	5	16	22	4	6	1	49
Females	7	4	7	4	3	6	2	....	...	6	2	1	1	1	11
Total	50	10	49	11	23	27	5	....	5	22	24	5	7	2	60
October —															
Males	53	8	49	12	25	24	5	1	6	28	14	3	11	5	61
Females	14	2	11	5	6	7	3	...	....	6	4	...	4	2	16
Total	67	10	60	17	31	31	8	1	6	34	18	3	15	7	77
November —															
Males	37	8	35	10	20	22	3	....	....	22	13	4	6	...	45
Females	11	2	6	7	2	8	3	..	....	6	4	....	2	1	13
Total	48	10	41	17	22	30	6	....		28	17	4	8	1	58
December —															
Males	48	9	45	12	22	29	5	..	1	19	14	5	16	3	57
Females	13	5	13	5	7	6	5	....	....	15	....	2	1	...	18
Total	61	14	58	17	29	35	10	....	1	34	14	7	17	3	75

TABLE NO. 40. — MONTH OF APRIL.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	232,833	16,470	13	1	..	1	4	...	19	49,165	16,470	281,998	298,468	98,468	1,875	None.	None.	1
2	222,801	13,726	9	...	..	4	19	3	35	50,395	13,726	273,196	286,922	86,922	1,625	....	....	2
3	198,060	14,360	9	2	...	2	2	....	15	54,405	14,360	252,465	266,825	66,825	1,325	....	....	3
4	217,921	17,325	13	..	..	3	57	...	73	49,655	17,325	267,576	284,901	84,901	1,000	....	....	4
5	171,863	9,425	9	....	....	..	5	..	14	28,295	9,425	200,158	209,583	9,583	....	....	....	5
6	211,318	15,200	11	2	1	2	4	...	20	58,990	15,200	270,308	285,508	85,508	1,950	....	....	6
7	204,197	18,310	16	...	..	....	39	....	55	59,940	18,310	264,137	282,447	82,447	1,775	....	....	7
8	225,338	10,225	9	1	....	...	6	...	16	60,200	10,225	285,538	295,763	95,763	2,200	....	....	8
9	234,512	12,325	9	...	...	3	8	...	20	50,255	12,325	284,767	297,092	97,092	1,425	....	....	9
10	218,656	11,875	10	..	..	1	4	...	15	56,165	11,875	274,821	286,696	86,696	1,860	....	....	10
11	233,154	13,115	10	....	...	4	18	....	32	45,575	13,115	278,729	291,844	91,844	950	....	....	11
12	175,306	3,925	3	...	....	....	21	....	24	24,130	3,925	199,436	203,361	3,361	....	....	....	12
13	234,845	7,675	6	...	...	2	3	...	11	62,890	7,675	297,735	305,410	105,410	1,850	....	....	13
14	223,275	8,600	7	1	....	..	2	....	10	52,205	8,600	275,480	284,080	84,080	1,675	....	....	14
15	236,604	13,375	12	...	...	3	17	...	32	55,180	13,375	291,784	305,159	105,159	2,100	....	....	15
16	269,100	12,875	7	1	..	5	19	...	32	56,220	12,875	325,320	338,195	138,195	1,425	....	....	16
17	226,305	14,275	9	2	1	3	25	....	40	63,620	14,275	289,925	304,200	104,200	1,940	....	....	17
18	260,285	17,400	13	1	...	2	93	....	109	66,750	17,400	327,035	344,435	144,435	650	....	....	18
19	179,164	7,400	7	..	..		9	...	16	24,340	7,400	203,504	210,904	10,904	....	....	....	19
20	273,426	7,725	5	1	..	1	18	....	25	54,970	7,725	328,399	336,124	136,124	1,760	....	....	20
21	300,111	19,300	17	1	...	...	57	....	75	46,660	19,300	346,771	366,071	166,071	1,925	....	....	21
22	288,156	11,095	8	1	1	1	24	....	35	60,260	11,075	348,416	359,491	159,491	1,475	....	....	22
23	263,657	12,325	8	2	1	2	3	....	16	50,510	12,325	314,167	326,492	126,492	2,100	....	....	23
24	270,218	9,325	8	...	..	1	15	....	24	56,450	9,325	326,668	335,993	135,993	1,210	....	....	24
25	259,294	23,551	18	1	...	2	87	...	108	76,450	23,551	335,744	359,295	159,295	1,550	....	....	25
26	170,676	10,325	8	..	1	2	5	1	17	28,555	10,325	199,231	209,556	9,556	....	....	....	26
27	281,407	10,775	7	1	1	3	9	....	21	55,780	10,775	337,187	347,962	147,962	1,680	....	....	27
28	273,685	20,176	14	2	1	3	82	....	102	45,710	20,176	319,395	339,571	139,571	2,200	....	....	28
29	299,109	11,550	10	....	..	3	14	..	27	42,120	11,550	341,229	352,779	152,779	1,750	....	....	29
30	257,359	13,275	12	...	1	....	13	..	26	63,750	13,275	321,109	334,384	134,384	2,050	....	....	30
Total	7,112,638	387,283	297	20	8	53	682	4	1064	1,549,590	387,283	8,662,228	9,049,511	3,049,511	43,325	....	....	Total

TABLE NO. 41.—MONTH OF MAY.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Slaughter House Refuse.	Dead Animals.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	265,779	16,720	12	1	1	3	3	...	20	59,780	16,720	325,559	342,279	142,279	1,575	...	...	1
2	282,552	14,375	9	2	...	1	93	..	105	53,105	14,375	335,657	350,032	150,032	1,050	...	...	2
3	179,347	11,275	8	...	...	3	...	...	11	27,720	11,275	207,067	218,342	18,342	...	...	...	3
4	266,577	16,300	12	...	...	4	5	...	21	52,985	16,300	319,562	335,862	135,862	1,825	...	...	4
5	275,385	21,450	13	2	...	3	118	...	136	58,575	21,450	333,960	355,410	155,410	2,400	...	...	5
6	275,382	14,100	9	2	2	3	11	...	27	72,740	14,100	348,122	362,222	162,222	1,650	...	...	6
7	278,859	16,825	15	1	...	...	13	...	29	58,000	16,825	336,859	353,684	153,684	1,975	...	...	7
8	280,416	12,340	9	2	..	2	10	...	23	57,210	12,340	337,626	349,966	149,966	1,480	...	...	8
9	284,441	9,975	5	2	1	1	89	...	98	53,150	9,975	337,591	347,566	147,566	1,340	...	...	9
10	190,442	6,450	4	...	1	2	1	...	8	21,625	6,450	212,067	218,517	18,517	...	...	...	10
11	279,579	14,825	10	3	...	3	11	...	27	52,905	14,825	332,484	347,309	147,309	1,790	...	...	11
12	284,636	13,825	7	1	...	2	100	...	110	58,785	13,825	343,421	357,246	157,246	2,460	...	...	12
13	301,019	19,600	13	2	...	2	7	...	24	62,445	19,600	363,464	383,064	183,064	1,600	...	...	13
14	283,953	14,625	12	1	...	1	3	...	17	60,420	14,625	344,373	358,998	158,998	1,825	...	...	14
15	292,141	11,925	8	...	...	3	1	...	12	53,800	11,925	345,941	357,866	157,866	2,150	...	...	15
16	314,550	13,575	5	1	...	5	96	...	107	49,235	13,575	363,785	377,360	177,360	900	...	...	16
17	199,970	5,575	5	...	1	...	...	..	...	21,100	5,575	221,070	226,645	26,645	...	...	...	17
18	286,824	6,500	5	...	...	1	3	...	9	53,195	6,500	340,019	346,519	146,519	1,550	...	...	18
19	291,206	12,650	7	..	2	3	114	..	126	63,475	12,650	354,681	367,331	167,331	2,400	...	...	19
20	305,102	11,725	7	...	...	4	1	...	12	50,125	11,725	355,227	366,952	166,952	1,680	...	...	20
21	292,988	4,975	4	...	1	...	4	...	9	45,900	4,975	338,888	343,863	143,863	1,975	...	...	21
22	302,170	12,275	11	1	1	1	7	...	21	56,820	12,275	358,990	371,265	171,265	1,600	...	...	22
23	301,732	17,550	10	1	..	4	82	...	97	54,360	17,550	356,092	373,642	173,642	1,350	...	...	23
24	196,045	13,875	11	1	1	1	...	...	14	21,410	13,875	217,455	231,330	31,330	...	...	...	24
25	315,968	13,475	9	1	..	3	5	...	18	59,170	13,475	375,138	388,613	188,613	1,975	...	...	25
26	308,193	20,875	12	1	1	4	104	...	122	65,775	20,875	373,968	394,843	194,843	2,300	...	...	26
27	311,388	11,525	7	..	3	4	8	...	22	60,810	11,525	372,198	383,723	183,723	1,490	...	...	27
28	298,560	32,475	27	2	...	...	4	...	33	53,740	32,475	352,300	384,775	184,775	1,860	...	...	28
29	261,704	32,850	25	...	...	5	1	...	31	58,500	32,850	320,204	353,054	153,054	1,650	...	...	29
30	310,187	58,311	40	7	..	4	69	...	120	67,110	58,311	377,297	435,608	235,608	1,100	...	...	30
31	185,598	45,732	35	7	...	3	...	...	45	16,600	45,732	202,198	247,930	47,930	...	...	...	31
Total	8,502,693	528,533	366	41	15	75	963	1	460	1,600,570	528,553	10,103,263	10,631,816	4,431,826	44,950	...	...	Total

TABLE NO. 42.—MONTH OF JUNE.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	336,010	15,300	12	1	1	..	2	....	16	52,320	15,300	388,330	403,630	203,630	1,850	....	....	1
2	337,455	16,350	12	...	...	2	95	....	109	46,180	16,350	383,635	399,985	199,985	2,175	....	....	2
3	323,446	12,800	11	...	2	..	2	...	15	69,050	12,800	392,496	405,296	205,296	1,350	....	....	3
4	297,421	16,300	14	...	...	1	3	...	18	67,860	16,300	365,281	381,581	181,581	2,300	.. ..	....	4
5	333,351	19,425	16	2	...	1	1	....	20	49,020	19,425	380,371	399,796	199,796	1,950	....	....	5
6	292,609	16,850	11	2	1	1	101	....	116	69,735	16,850	362,344	379,194	179,194	1,280	....	....	6
7	178,918	12,375	11	....	....	1	1	....	13	20,040	12,375	198,958	211,333	11,333	....	....	....	7
8	337,684	15,225	12	...	..	2	....	...	14	60,585	25,225	398,269	413,494	213,494	1,850	... .	... .	8
9	328,399	11,950	9	...	...	2	3	...	14	51,250	11,950	379,649	391,599	191,599	2,160	....	....	9
10	314,024	17,590	13	1	1	...	81	..	96	57,510	17,590	371,534	389,124	189,124	1,425	....	....	10
11	300,499	15,350	11	1	1	2	..	...	15	60,010	15,350	360,509	375,859	175,859	1,675	....	....	11
12	318,470	10,950	8	....	1	2	2	....	13	65,300	10,950	383,770	394,720	194,720	2,200	....	....	12
13	294,759	15,175	9	1	1	1	109	...	121	77,125	15,175	371,884	387,059	187,059	1,340	.. . .	....	13
14	187,811	10,275	9	....	....	1	....	...	10	17,900	10,275	205,711	215,986	15,986	....	....	....	14
15	338,319	14,850	11	1	....	3	2	...	17	69,500	14,850	407,819	422,669	222,669	1,980	....	....	15
16	333,098	12,350	8	2	....	....	80	....	90	83,025	12,350	416,123	428,473	228,473	2,175	....	....	16
17	353,219	13,650	8	2	...	2	5	...	17	79,115	13,650	432,334	445,984	245,984	1,800	....	....	17
18	337,228	15,350	14	....	...	1	1	...	16	61,610	15,350	398,838	414,188	214,188	1,750	....	....	18
19	348,711	11,550	7	3	....	2	2	....	14	77,260	11,550	425,971	437,521	237,521	2,075	....	....	19
20	311,754	16,350	11	2	...	1	50	....	64	66,530	16,350	378,284	394,634	194,634	1,225	....	....	20
21	183,007	10,250	7	1	....	2	...	....	10	24,780	10,250	207,787	218,037	18,037	....	....	....	21
22	336,814	10,350	7	1	...	1	9	1	19	60,160	10,350	396,974	407,324	207,324	1,975	....	....	22
23	358,270	13,800	10	1	..	1	60	....	72	54,735	13,800	413 005	426,805	226,805	1,650	....	....	23
24	344,781	15,000	12	1	...	2	2	....	17	60,750	15,000	405,531	420,531	220,531	1,200	....	....	24
25	327,955	8,850	7	4	...	....	8	....	19	69,225	8,850	397,180	406 030	206,030	2,150	....	.. ..	25
26	358,999	14,350	12	1	....	....	3	....	16	65,435	14,350	424,434	438,784	238,784	950	....	....	26
27	337,173	16,500	13	....	....	1	76	....	90	66,120	16,500	403,293	419,793	219,793	2,350	....	....	27
28	177,992	9,050	5	1	...	3	5	....	14	20,280	9,050	198,272	207,322	7,322	....	....	....	28
29	393,974	15,500	12	...	....	3	4	....	19	50,385	15,500	444,359	459,859	259,859	1,650	....	....	29
30	346,156	16,250	11	1	1	4	85	....	102	56,510	16,250	402,666	418,916	218,916	2,375	....	....	30
Total	9,366,306	419,915	313	29	10	42	792	....	1186	1,729,305	419,915	11,095,611	11,515,526	5,515,526	46,860	....	....	Total

TABLE NO. 43.—MONTH OF JULY.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	377,618	14,550	12	1	....	....	....	....	13	53,855	14,550	431,473	446,023	246,023	1,980	....	....	1
2	327,933	14,000	12	1	....	....	14	....	27	71,210	14,000	399,143	413,143	213,143	1,600	....	....	2
3	345,869	20,550	15	6	....	3	10	....	34	57,450	20,550	403,319	423,869	223,869	1,800	....	....	3
4	183,266	10,450	6	1	....	1	103	....	111	12,210	10,450	195,476	205,926	5,926	2,100	....	....	4
5	185,676	20,750	17	....	....	3	17	....	37	15,810	20,750	201,486	222,236	22,236	....	....	....	5
6	407,770	20,000	17	1	....	4	1	....	22	55,135	20,000	462,905	482,905	282,905	1,850	....	....	6
7	367,303	16,200	12	2	....	1	95	....	110	43,135	16,200	410,438	426,638	226,638	2,325	....	....	7
8	340,874	15,300	12	1	....	1	10	....	24	52,570	15,300	393,444	408,744	208,744	1,750	....	....	8
9	319,551	10,500	6	2	....	2	....	....	10	55,905	10,500	375,456	385,956	185,956	1,600	....	....	9
10	334,211	12,700	8	3	....	....	....	....	11	45,180	12,700	379,391	392,091	192,091	1,975	....	....	10
11	360,366	16,050	11	2	1	1	131	....	146	54,765	16,050	415,131	431,181	231,181	1,350	....	....	11
12	190,926	6,600	6	....	....	....	....	....	12	20,940	6,600	211,866	218,466	18,466	....	....	....	12
13	364,022	15,850	14	....	....	1	6	....	21	56,910	15,850	420,932	436,782	236,782	....	....	....	13
14	349,959	17,900	13	1	1	1	100	....	116	54,320	17,900	404,279	422,179	222,179	....	....	....	14
15	359,608	17,600	13	1	....	2	9	....	25	54,845	17,600	414,453	432,053	232 053	....	....	....	15
16	320,381	14,950	12	2	....	1	4	....	19	64,715	14,950	385,096	409,046	200,046	....	....	....	16
17	324,012	14,600	8	1	1	....	10	....	20	52,400	14,600	376,412	391,012	191,012	....	....	....	17
18	324,792	20,750	14	3	....	1	101	....	119	60,105	20,750	384,897	405,647	205,647	....	....	....	18
19	191,299	9,750	9	....	....	....	6	....	15	17,000	9,750	208,299	218,049	18,049	....	....	....	19
20	362,602	16,000	12	1	....	2	..	....	15	59,770	16,000	422,372	438,372	238,372	2,175	....	....	20
21	351,868	13,000	7	....	....	3	111	....	121	54,135	13,000	406,003	419,003	219,003	1,860	....	....	21
22	403,789	13,075	11	2	1	....	1	..	15	50,070	13,075	453,859	466,934	266,934	1,550	....	....	22
23	373,230	16,350	13	1	....	....	5	....	19	57,110	16,350	430,340	446,690	246,690	2,200	....	....	23
24	387,123	20,600	15	2	....	2	1	....	20	58,935	20,600	446,058	466,658	266,658	1,900	....	....	24
25	395,440	17,300	10	1	....	1	94	....	106	50,840	17,300	446,280	463,580	263,580	1,150	....	....	25
26	184,707	10,050	8	....	....	....	....	....	8	15,575	10,050	200,282	210,332	10,332	....	....	....	26
27	449,319	21,200	15	1	....	4	17	..	137	53,410	21,200	502,729	523,929	323,929	1,875	....	....	27
28	412,650	25,500	18	1	....	3	88	....	110	48,365	25,500	461,015	486,515	286,515	2,200	....	....	28
29	450,175	25,550	21	2	....	1	4	....	28	49,110	167,784	357,051	524,835	324,835	1,650	....	....	29
30	422,279	32,500	29	1	....	1	....	....	31	40,570	131,356	363,993	495,349	295,349	2,150	....	....	30
31	390,920	29,950	23	3	1	....	....	....	27	61,320	89,984	392,206	482,190	282,190	1,550	....	....	31
Total	10,559,538	530,125	399	43	5	39	943	.	1429	1,497,670	831,249	11,756,084	12,587,333	6,387,333	38,590	....	....	Total

TABLE NO. 44.—Month of August.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	468,629	40,050	29	3	2	3	3	....	40	52,630	163,784	397,525	561,309	361,309	....	....	....	1
2	202,989	17,600	16	....	....	1	....	....	17	14,125	51,840	182,874	234,714	34,714	....	....	....	2
3	499,100	27,500	19	3	....	3	84	...	109	53,010	49,765	529,845	579,610	379,610	....	....	....	3
4	478,922	25,300	20	1	....	3	102	....	126	40,550	143,389	401,383	544,772	344,772	....	....	....	4
5	441,715	33,000	24	3	...	3	4	....	34	50,710	70,274	455,151	525,425	325,425	....	....	....	5
6	441,113	46,850	39	2	...	3	2	....	46	41,875	180,608	349,230	529,838	329,838	....	....	....	6
7	412,865	35,700	29	1	....	3	8	....	41	49,950	112,567	385,948	498,515	298,515	....	....	....	7
8	426,755	38,550	32	1	...	3	1	....	37	55,335	167,995	352,645	520,640	320,640	....	....	....	8
9	163,677	43,450	37	2	....	4	2	...	45	10,100	43,450	173,777	217,227	17,227	....	....	....	9
10	540,050	37,900	34	1	....	1	1	....	37	49,570	98,863	528,657	627,520	427,520	....	....	....	10
11	454,688	31,050	29	1	....	....	3	....	33	48,210	113,174	420,774	533,948	333,948	....	....	....	11
12	453,278	31,200	28	1	....	1	2	....	32	58,510	115,240	427,748	542,988	342,988	....	....	....	12
13	469,962	40,800	32	3	....	2	....	...	37	46,170	178,703	378,229	556,932	356,932	....	....	....	13
14	497,833	23,800	18	2	....	4	4	....	28	58,670	180,572	399,731	580,303	380,303	....	....	....	14
15	507,594	20,450	16	1	....	2	82	....	101	52,285	199,077	381,252	580,329	380,329	....	....	....	15
16	169,906	9,100	5	2	....	1	....	....	8	9,300	9,100	179,206	188,306	....	....	....	....	16
17	526,372	13,700	14	...	....	....	2	....	16	58,145	118,895	479,322	598,217	398,217	....	....	....	17
18	514,974	16,650	12	1	....	2	99	...	114	50,760	173,424	408,960	582,384	382,384	....	....	....	18
19	459,161	6,850	5	1	....	1	...	....	7	46,315	134,430	377,896	512,326	312,326	....	....	....	19
20	465,444	20,150	13	5	...	1	5	....	24	55,020	175,790	364,824	540,614	340,614	....	....	....	20
21	479,992	19,350	14	1	1	2	1	....	19	51,325	181,490	369,177	550,667	350,667	....	....	....	21
22	492,436	15,450	8	3	....	3	91	....	105	54,735	201,120	361,501	562,621	362,621	....	....	....	22
23	209,015	12,500	9	1	....	....	3	....	13	9,250	61,043	169,722	230,765	30,765	....	....	....	23
24	650,607	16,050	13	1	....	2	...	....	16	58,970	218,366	512,261	725,627	525,627	....	....	....	24
25	614,210	13,300	10	....	....	1	87	....	98	46,210	216,141	457,579	673,720	473,720	....	....	....	25
26	481,147	13,400	11	....	....	2	1	....	14	51,485	123,781	422,251	546,032	346,032	....	....	....	26
27	554,906	15,550	13	...	2	1	5	....	21	45,960	212,856	403,560	616,416	416,416	....	....	....	27
28	487,308	12,550	8	2	....	2	6	....	18	47,510	181,003	366,365	547,368	347,368	....	....	....	28
29	517,142	17,900	14	1	...	1	85	....	101	51,935	190,604	396,373	586,977	386,977	....	....	....	29
30	263,232	8,500	6	....	....	2	....	....	8	9,450	100,588	180,594	281,182	81,182	....	....	....	30
31	606,859	13,350	9	1	....	3	2	....	15	54,995	188,881	486,323	675,204	475,204	....	....	....	31
Total	13,951,881	717,550	566	44	5	60	685	....	1360	1,383,065	4,351,813	11,700,683	16,052,496	9,864,190	....	....	....	Total

TABLE NO. 45.—Month of September.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	517,266	12,700	11	1	...	...	2	....	14	51,460	173,347	408,079	581,426	381,426	....	....	....	1
2	485,439	10,450	8	....	....	2	2	..	12	54,295	160,282	389,902	550,184	350,184	....	....	....	2
3	521,579	11,600	9	1	....	1	5	...	16	55,885	197,342	391,722	589,064	389,064	....	....	....	3
4	472,641	21,250	17	....	....	3	5	....	25	46,685	170,106	370,470	540,576	340,576	....	....	....	4
5	483,340	21,450	13	...	....	7	133	...	153	52,635	172,810	384,615	557,425	357,425	....	....	....	5
6	235,307	8,400	7	1	...	...	2	..	10	9,450	71,773	181,384	253,157	53,157	....	....	....	6
7	576,046	14,600	12	..	1	1	5	..	19	59,810	181,313	469,143	650,456	450,456	....	....	....	7
8	490,492	12,450	7	1	...	2	73	...	83	55,625	156,976	401,591	558,567	358,567	....	....	....	8
9	516,920	16,050	11	3	...	1	5	....	20	51,745	193,411	391,304	584,715	384,715	....	....	....	9
10	489,890	16,900	16	....	....	...	2	....	18	50,900	171,974	385,716	557,690	357,690	....	....	....	10
11	490,577	14,650	13	....	1	2	4	...	20	51,425	155,903	400,749	556,652	356,652	....	....	....	11
12	487,362	21,200	17	1	....	...	74	....	92	57,175	189,476	376,261	565,737	365,737	....	....	....	12
13	230,266	9,700	6	...	...	3	...	..	9	9,350	70,023	179,293	249,316	49,316	....	....	....	13
14	545,647	16,400	12	1	1	2	4	....	20	55,960	179,673	438,334	618,007	418,007	....	....	....	14
15	499,474	17,200	12	1	...	2	76	....	91	55,620	164,453	407,841	572,294	372,294	....	....	....	15
16	465,575	13,950	11	1	..	1	6	....	19	54,835	149,476	384,884	534,360	334,360	....	....	....	16
17	477,283	13,800	12	...	....	1	7	...	20	52,725	159,850	383,958	543,808	343,808	....	....	....	17
18	445,097	15,800	12	1	...	1	6	....	20	61,110	141,008	380,999	522,007	322,007	....	....	....	18
19	435,273	12,500	10	....	....	1	97	....	108	66,230	131,785	382,218	514,003	314,003	....	....	....	19
20	230,794	4,050	3	1	...	...	...	....	4	19,413	52,781	201,473	254,254	54,254	....	....	....	20
21	465,080	23,500	20	2	....	2	2	...	26	56,610	144,586	400,604	545,190	345,190	....	....	....	21
22	468,162	16,700	12	..	....	1	84	....	97	45,510	122,811	407,561	530,372	330,372	....	....	....	22
23	427,379	18,200	12	1	...	3	1	..	17	51,360	121,014	375,925	496,939	296,939	....	....	....	23
24	417,517	10,450	7	....	....	3	2	....	12	51,995	110,616	369,346	479,962	279,962	....	....	....	24
25	404,379	13,950	12	...	...	1	4	...	17	56,110	102,558	371,881	474,439	274,439	....	....	....	25
26	387,585	16,300	14	...	...	....	3	....	17	52,360	92,134	364,111	456,245	256,245	....	....	....	26
27	239,050	7,650	6	....	....	1	4	....	11	19,725	58,822	207,603	266,425	66,425	....	....	....	27
28	403,370	14,500	12	1	...	...	9	....	22	52,020	91,034	378,856	469,890	269,890	....	....	....	28
29	390,155	15,500	10	1	...	2	74	....	87	66,315	78,984	392,986	471,970	271,970	....	....	....	29
30	340,572	15,800	13	1	..	1	2	....	17	67,825	60,166	364,031	424,197	224,197	....	....	....	30
Total	13,039,517	437,650	337	19	3	44	693	....	1096	1,492,160	4,026,187	10,942,840	14,969,327	8,969,327	....	....	....	Total

TABLE NO. 46.— MONTH OF OCTOBER.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	357,716	13,700	11	2	...	....	1	...	14	64,475	52,838	383,053	435,891	235,891	...	...	...	1
2	307,203	14,850	13	1	1	..	...	...	15	75,265	14,850	382,468	397,318	197,318	...	...	...	2
3	331,161	19,500	15	1	....	1	81	...	98	51,485	19,500	382,646	402,146	202,146	...	...	...	3
4	168,749	9,050	8	...	...	1	...	....	9	28,605	9,050	197,354	206,404	6,404	...	...	...	4
5	358,896	13,100	12	...	...	1	2	...	15	51,610	13,100	410,506	423,606	223,606	...	...	...	5
6	356,785	18,600	13	2	..	1	97	....	113	52,420	18,600	409,205	427,805	227,805	...	...	...	6
7	356,863	11,550	10	1	...	...	3	....	14	45,760	11,550	402,623	414,173	214,173	...	...	...	7
8	326,971	10,900	8	1	....	1	4	...	14	42,175	10,900	369,146	380,046	180,046	...	...	...	8
9	316,704	21,600	17	2	1	1	3	...	24	56,985	21,600	373,689	395,289	195,289	...	...	...	9
10	331,670	21,500	17	1	1	1	93	...	113	56,465	21,500	388,135	409,635	209,635	...	...	...	10
11	173,591	9,600	8	..	...	1	6	...	15	29,350	9,600	202,941	212,541	12,541	...	...	...	11
12	335,673	11,850	9	1	..	1	3	....	14	51,510	11,850	387,183	399,033	199,033	...	...	...	12
13	335,660	13,800	11	1	...	...	77	....	89	47,435	13,800	383,095	396,895	196,895	...	...	...	13
14	324,954	16,100	15	..	....	..	2	....	17	52,010	16,100	376,964	393,064	193,064	...	...	...	14
15	319,701	16,900	14	1	...	1	2	....	18	52,135	16,900	371,836	388,736	188,736	...	...	...	15
16	312,714	21,350	17	2	....	2	3	....	24	55,950	21,350	368,664	390,014	190,014	...	...	...	16
17	310,641	16,100	13	1	1	....	89	....	104	50,085	16,100	360,726	376,826	176,826	...	...	...	17
18	170,044	10,400	9	...	...	1	2	...	12	29,630	10,400	199,674	210,074	10,074	...	...	...	18
19	300,369	13,050	9	3	....	1	1	...	14	56,810	13,052	357,179	370,229	170,229	...	...	...	19
20	314,975	22,250	19	2	...	...	70	1	92	55,695	22,250	370,670	392,920	192,920	...	...	...	20
21	309,383	20,330	16	4	....	....	....	...	20	57,120	20,330	366,503	386,833	186,833	...	...	...	21
22	296,641	18,750	13	3	....	1	2	...	19	50,635	18,750	347,276	366,026	166,026	...	...	...	22
23	295,224	12,150	10	1	..	1	2	...	14	51,335	12,150	346,559	358,709	158,709	...	...	...	23
24	287,601	17,250	9	3	....	3	80	...	95	51,210	17,250	338,811	356,061	156,061	...	...	...	24
25	179,959	8,600	7	1	...	...	2	...	10	29,930	8,600	209,889	218,489	18,489	...	...	...	25
26	292,519	11,750	8	1	....	2	2	...	13	57,460	11,750	349,979	361,729	161,729	...	...	...	26
27	299,385	15,400	14	....	1	....	67	....	82	45,985	15,400	345,370	360,770	160,770	...	...	...	27
28	297,118	19,650	17	2	...	...	3	...	22	41,660	19,650	338,778	358,428	158,428	...	...	...	28
29	286,781	17,600	15	1	..	1	1	...	18	51,385	17,600	338,166	355,766	155,766	...	...	...	29
30	295,084	13,500	11	1	2	1	2	..	17	50,610	13 500	345,694	359,194	159,194	...	...	...	30
31	290,261	13,250	9	1	....	1	81	...	92	64,825	13,250	355,086	368,336	168,336	...	...	...	31
Total	9,240,996	473,980	377	40	7	24	781	1	1230	1,558,010	513,118	10,759,868	11,272,986	5,072,986	...	...	...	Total

TABLE NO. 47.—MONTH OF NOVEMBER.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Amount.															
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.						Garbage.	Dead Animals.	Slaughter House Refuse.	
1	185,874	10,650	9	1	....	....	....	....	10	16,030	10,650	201,904	212,554	12,554	....	....	....	1
2	203,370	14,850	12	....	....	1	....	....	13	47,900	14,850	351,270	366,120	166,120	....	....	....	2
3	176,314	9,950	7	2	....	....	2	....	11	24,490	9,950	200,804	210,754	10,754	....	....	....	3
4	301,375	14,000	12	....	....	1	1	....	14	53,510	14,000	354,885	368,885	168,885	....	....	....	4
5	293,429	13,400	11	1	1	....	....	....	13	60,110	13,400	353,539	366,939	166,939	....	....	....	5
6	286,741	11,400	8	....	....	2	4	....	14	51,600	11,400	338,341	349,741	149,741	....	....	....	6
7	284,181	19,000	14	....	....	....	119	....	133	58,310	19,000	342,491	361,491	161,491	....	....	....	7
8	182,806	3,350	5	....	....	2	1	....	8	21,525	3,350	204,331	207,681	7,681	....	....	....	8
9	280,860	10,750	7	1	....	2	2	....	12	58,360	10,750	339,220	349,970	149,970	....	....	....	9
10	279,207	10,500	7	1	....	2	....	....	10	45,885	10,500	325,092	335,092	135,592	....	....	....	10
11	285,677	13,350	10	1	....	1	2	....	14	61,160	13,350	346,837	360,187	160,187	....	....	....	11
12	340,970	10,400	8	1	....	....	....	....	9	50,420	10,400	355,390	365,790	165,790	....	....	....	12
13	279,847	16,300	7	2	....	....	3	....	12	55,050	10,300	334,897	345,197	145,197	....	....	....	13
14	290,305	16,650	9	2	1	2	85	....	99	47,615	16,650	337,920	354,570	154,570	....	....	....	14
15	183,063	10,400	9	....	....	....	....	....	9	22,585	10,400	205,649	216,049	16,049	....	....	....	15
16	276,513	16,800	12	3	....	1	1	....	17	51,335	16,800	327,849	344,648	144,648	....	....	....	16
17	279,580	14,850	10	1	....	1	72	....	84	38,895	14,850	318,475	333,325	132,325	....	....	....	17
18	264,163	13,650	10	1	....	....	....	....	11	44,960	13,650	309,123	322,773	122,773	....	....	....	18
19	276,170	15,150	12	2	....	....	....	....	14	52,970	15,150	329,140	344,290	144,290	....	....	....	19
20	278,876	11,800	8	2	....	1	....	....	11	46,685	11,800	325,561	337,361	137,361	....	....	....	20
21	292,486	16,300	10	1	....	2	84	....	97	55,735	16,300	348,221	364,521	164,521	....	....	....	21
22	179,714	8,850	7	....	....	1	....	....	8	21,325	8,850	201,039	209,889	9,889	....	....	....	22
23	297,686	19,100	16	....	1	1	3	....	21	49,435	19,100	347,121	366,221	166,221	....	....	....	23
24	286,856	20,300	17	....	....	....	31	....	48	46,000	20,300	332,856	353,156	153,156	....	....	....	24
25	277,316	17,750	16	....	....	....	....	....	16	51,200	17,750	328,516	346,266	146,266	....	....	....	25
26	255,595	8,550	5	1	....	2	....	....	8	42,260	8,550	297,855	306,405	106,405	....	....	....	26
27	280,913	22,200	19	....	....	1	5	....	25	45,635	22,200	326,548	348,748	148,748	....	....	....	27
28	284,136	11,950	8	....	....	1	65	....	74	58,565	11,950	332,701	344,651	144,651	....	....	....	28
29	184,939	8,250	6	1	....	....	1	....	8	21,775	8,250	206,714	214,964	14,964	....	....	....	29
30	269,747	16,600	10	3	....	2	....	....	15	52,120	16,600	221,867	338,467	138,467	....	....	....	30
Total	7,902,710	401,050	301	27	3	26	481	....	838	1,343,445	401,050	9,246,155	9,647,205	3,647,205	....	....	....	Total

TABLE NO. 48.—MONTH OF DECEMBER.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	274,826	17,750	15	1	...	1	6	...	23	56,565	17,750	231,181	349,131	149,121	....	....	....	1
2	283,009	14,800	14	....	....	4	1	....	19	51,649	14,800	334,658	349,458	149,458	....	....	....	2
3	288,004	15,950	15	....	...	1	3	....	19	60,720	15,950	348,724	364,674	164,674	....	....	....	3
4	268,754	16,750	15	1	....	1	4	...	21	47,350	16,750	316,104	332,854	132,854	....	....	....	4
5	273,136	15,900	9	1	....	3	83	...	96	55,515	45,900	329,651	345,551	145,551	....	....	....	5
6	166,212	8,000	7	....	....	1	2	....	10	32,460	8,000	198,672	206,672	6,672	....	....	....	6
7	279,084	18,000	17	....	...	....	2	....	19	54,580	18,000	333,664	351,664	151,664	....	....	....	7
8	257,606	13,350	9	2	....	....	52	....	63	52,155	13,350	309,761	323,111	123,111	....	....	....	8
9	286,149	14 500	8	2	....	3	4	...	17	52,335	14,500	338,484	352,984	152,984	....	....	....	9
10	275,309	11,850	7	1	...	3	4	....	15	51,810	11,850	427,119	338,969	138,969	....	....	....	10
11	256,161	9,600	8	1	...	...	1	...	10	52,815	9,600	30,897	318,576	118,576	....	....	....	11
12	274,061	21,150	15	3	....	1	59	...	78	52,235	21,150	326,296	347,446	147,446	....	....	....	12
13	172,731	10,650	5	2	....	3	..	....	10	27,525	10,650	200,256	210,906	10,906	....	....	....	13
14	276,864	16,550	12	1	....	3	2	...	18	52,835	16,550	329,699	346,249	146,249	....	....	....	14
15	256,916	12,550	6	3	....	2	90	...	101	51,755	12,550	308,671	321,221	121,221	....	....	....	15
16	285,204	19,850	16	1	...	3	10	..	30	52,765	19,850	337,969	457,819	157,819	....	....	....	16
17	277,904	7,950	5	2	....	...	3	....	10	57,515	7,950	335,419	343,369	143,369	....	....	....	17
18	252,166	13,350	10	2	..	1	2	...	15	56,615	13,350	308,781	322,131	122,131	....	....	....	18
19	266,926	12,800	9	...	..	1	70	....	80	61,360	12,800	328,286	341,086	141,086	....	....	....	19
20	166,674	9,200	7	1	...	1	3	...	12	31,885	9,200	198,559	207,759	7,759	....	....	....	20
21	283,728	13,800	11	1	....	2	2	..	16	52,120	13,800	335,848	349,648	149,648	....	....	....	21
22	251,801	17.650	11	2	....	2	55	...	70	51,980	17,600	303,781	321,381	121,381	....	....	....	22
23	287,486	14,600	9	1	....	4	4	....	17	47,260	14,650	334,646	349,296	149,296	....	....	....	23
24	286,542	15,050	12	1	....	1	4	....	18	57,360	15.050	325,902	340,952	140,952	....	....	....	24
25	174,452	4,200	3	1	....	....	1	....	5	36,325	4,200	210,777	214,977	14,977	....	....	....	25
26	280,262	20,750	12	3	...	3	93	...	111	57,010	20,750	337,272	358,022	158,022	....	....	....	26
27	177,972	6,200	10	1	....	2	1	...	14	39,100	6,200	217,072	223,272	23,272	....	....	....	27
28	285,459	18,100	5	1	....	....	...	....	6	60,260	18,150	345,719	363,869	163,869	....	....	....	28
29	256,826	15,750	13	3	...	1	1	...	18	47,350	15,750	304,176	319,926	119,926	....	....	....	29
30	290,519	16,000	13	....	..	1	50	....	64	52,160	16,000	342,679	358,679	158,679	....	....	....	30
31	274,859	14,055	14	1	5	4	2	....	26	46,600	14,000	321,459	335,459	135,459	....	....	....	31
Total	7,969,502	436,650	322	39	5	52	613	....	1031	1,560,959	446,650	9,530,461	9,967,211	3,767,111	....	....	....	Total

TABLE NO. 49.— MONTH OF JANUARY.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	182,041	8,900	7	1	..	....	....	....	8	16,340	8,900	198,381	207,281	7,281	....	....	....	1
2	282,409	15,700	11	1	...	...	79	....	92	51,470	15,700	333,879	349,579	149,572	....	....	....	2
3	180,052	7,800	6	1	...	...	2	....	9	22,210	7,800	202,262	210,062	110,062	....	....	....	3
4	282,567	8,200	7	...	..	....	....	...	7	49,820	8,200	322,387	340,587	140,587	....	....	....	4
5	251,318	11,900	8	1	1	...	46	...	56	51,665	11,900	302,983	314,883	114,883	....	....	....	5
6	271,598	12,625	10	1	1	..	...	....	12	55,560	12,625	327,158	339,783	139,783	....	....	....	6
7	287,223	18,975	14	4	..	1	5	. .	24	52,250	18,975	339,473	358,448	158,448	....	....	....	7
8	272,448	16,350	10	1	...	4	6	....	21	54,550	16,350	326,998	343,348	143,349	....	....	....	8
9	285,721	14,700	10	2	..	1	2	....	15	52,440	14,700	338,161	352,861	152,861	....	....	....	9
10	180,959	9,350	7	1	....	1	...	....	9	20,540	9,350	201,499	210,849	10,849	....	....	....	10
11	281,479	10,500	8	1	.	1	1	...	11	57,295	10,500	338,774	349,274	149,274	....	....	....	11
12	277,655	8,850	5	2	...	..	..	....	7	57,240	8,850	334,295	343,145	143,145	....	....	....	12
13	279,106	9,050	8	....	..	1	2	...	11	63,450	9,050	342,556	351,606	151,606	....	....	....	13
14	271,747	12,750	8	....	....	...	..	...	8	52,680	12,750	324,427	337,177	137,177	....	....	....	14
15	246,206	10,350	10	.	....	2	1	....	13	61,735	10,350	307,941	318,291	118,291	....	....	....	15
16	276,656	15,450	7	1	...	2	1	..	11	55,795	15,450	332,451	347,901	147,901	....	....	....	16
17	178,483	5,600	7	1	...	13	2	...	23	21,375	5,600	199,858	205,458	5,458	....	....	....	17
18	275,144	11,450	4	1	...	. .	....	....	5	56,255	11,550	331,399	342,859	142,849	....	....	....	18
19	264,074	10,550	8	1	2	1	5	...	17	50,110	10,550	314,184	324,734	124,734	....	....	....	19
20	274,116	13,050	5	..	....	2	88	....	95	53,415	13,050	327,531	340,581	140,581	....	....	....	20
21	259,853	12,050	10	1	..	1	4	....	16	47,860	12,050	307,713	319,763	119,763	....	....	....	21
22	274,640	10,350	9	..	...	2	3	...	14	54,915	10,350	329,555	339,905	139,905	....	....	....	22
23	262,131	14,650	9	..	..	1		..	10	60,145	14,650	322,276	336,926	136,926	....	....	....	23
24	179,193	6,650	9	1	..	2	55	...	67	24,090	6,650	203,283	209,933	9,933	....	....	....	24
25	261,730	17,050	5	1	...	...	2	...	8	55,080	17,050	316,810	333,860	133,860	....	....	....	25
26	254,897	6,200	12	..	....	2	1	....	15	47,550	6,200	302,447	308,647	108,647	....	....	....	26
27	247,801	8,250	5	....	..	1	5	....	11	48,790	8,250	296,591	304,841	104,841	....	....	....	27
28	228,801	7,450	6	1	....	2	2	...	11	45,725	7,450	274,526	281,976	81,976	....	....	....	28
29	223,906	9,300	4	..	...	4	2	...	10	46,470	9,300	270,376	279,676	79,676	....	....	....	29
30	230,531	15,575	6	..	..	2	7	....	15	51,345	15,575	281,876	297,451	97,451	....	....	....	30
31	172,781	7,850	12	1	....	1	....	....	14	24,655	7,850	197,436	205,286	5,286	....	....	....	31
Total	7,696,666	347,475	247	25	5	47	321	...	645	1,462,820	347,475	9,159,486	9,506,961	3,306,961	....	....	....	Total

TABLE NO. 50.—MONTH OF FEBRUARY.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Slaughter House Refuse.	Dead Animals.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.									
1	268,826	18,100	14	2	...	1	..	...	17	50,545	18,100	319,371	337,471	137,471	...	...	...	1
2	246,030	16,000	10	3	...	6	....	...	22	46,035	16,000	292,065	308,065	108,065	...	...	...	2
3	271,472	17,750	16	....	...	1	4	....	21	50,725	17,750	322,197	339,947	139,947	...	...	...	3
4	258,191	13,000	10	2	...	...	7	....	19	50,275	13,000	308,466	321,466	121,466	...	...	...	4
5	236,193	15,200	9	1	...	3	1	....	14	51,720	15,200	287,913	303,113	103,113	...	...	...	5
6	248,318	16,650	15	..	....	1	4	....	20	51,470	16,650	299,788	316,438	116,439	...	...	...	6
7	164,618	7,650	6	1	..	...	7	....	14	36,345	7,650	200,693	208,613	8,613	...	...	...	7
8	255,196	12,650	10	1	...	1	2	...	14	47,050	12,650	302,246	314,896	114,896	...	...	...	8
9	244,068	11,800	10	...	...	3	2	...	15	47,095	11,800	292,163	303,963	103,693	...	...	...	9
10	250,838	16,700	13	1	1	3	4	..	22	57,040	16,700	307,878	324,578	124,578	...	...	...	10
11	243,286	16,150	11	2	..	2	1	....	16	50,705	16,150	293,991	310,141	110,141	...	...	...	11
12	230,273	11,850	9	2	...	..	8	..	19	52,110	11,850	282,383	294,233	91,233	...	...	...	12
13	251,802	16,100	12	2	....	1	2	....	17	50,210	16,100	302,012	318,112	118,112	...	...	...	13
14	165,818	9,950	8	1	..	1	8	....	18	33,335	9,950	199,153	209,103	9,103	...	...	...	14
15	259,661	16,100	10	4	....	3	4	....	21	46,675	16,100	306,336	322,436	122,436	...	...	...	15
16	232,102	18,400	8	1	....	33	3	....	45	52,160	18,400	284,262	302,662	102,662	...	...	...	16
17	261,464	12,250	11	....	...	1	1	..	13	49,175	12,250	310,639	322,889	122,889	...	...	...	17
18	252,797	15,000	10	1	....	3	4	....	18	46,325	15,000	299,122	314,122	114,122	...	...	...	18
19	231,148	14,700	13	1	....	1	1	...	16	51,760	14,700	282,908	297,608	97,608	...	...	...	19
20	253,325	13,950	10	1	....	2	49	....	62	51,510	13,950	304,835	318,785	118,785	...	...	...	20
21	162,468	4,650	3	1	....	....	10	...	14	33,375	4,650	195,843	200,493	493	...	...	...	21
22	267,088	15,300	12	2	....	....	....	....	14	55,515	15,300	322,603	337,903	137,903	...	...	...	22
23	239,040	13,350	10	1	....	1	....	....	12	46,475	13,350	285,515	298,865	98,865	...	...	...	23
24	252,899	16,900	12	2	....	2	5	...	21	51,060	16,900	303,959	320,859	120,859	...	...	...	24
25	248,398	14,250	11	1	....	2	10	....	24	46,625	14,250	295,023	309,273	109,273	...	...	...	25
26	234,325	15,100	11	2	....	2	2	....	17	50,810	15,100	285,135	300,235	100,235	...	...	...	26
27	237,030	21,100	17	1	...	..	83	....	101	54,610	21,100	291,640	312,740	112,740	...	...	...	27
28	162,994	8,650	7	....	....	1	....	....	8	38,110	8,650	201,104	209,754	9,754	...	...	...	28
Total	6,630,668	399,250	298	36	1	74	225	....	634	1,348,845	399,250	7,979,513	8,378,763	2,778,763	...	...	...	Total

TABLE NO. 51.—MONTH OF MARCH.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Date.
		Amount.	Kind of and Number.												Garbage.	Dead Animals.	Slaughter House Refuse.	
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Totals.									
1	250,247	8,600	7	....	....	1	4	....	12	56,630	8,600	306,877	315,477	115,477	....	....	....	1
2	241,360	5,600	2	1	..	....	60	....	63	42,600	5,600	283,960	289,560	89,560	....	....	....	2
3	252,714	11,350	6	2	1	2	2	....	13	49,165	11,350	301,879	313,229	113,229	....	....	....	3
4	239,946	12,550	9	2	..	1	3	....	15	53,705	12,550	293,651	306,201	106,201	....	....	....	4
5	233,863	11,950	7	...	1	4	3	....	15	42,495	11,950	276,358	288,308	88,308	....	....	....	5
6	256,014	12,250	6	1	....	3	45	..	55	42,150	12,250	298,164	310,414	110,414	....	....	....	6
7	175,852	5,850	4	1	....	...	....	....	5	20,645	5,850	196,497	202,347	2,347	....	....	....	7
8	251,945	13,000	9	....	....	1	...	....	10	62,050	13,000	313,995	326,995	126,995	....	....	....	8
9	236,159	13,150	10	....	..	....	63	....	73	54,665	13,150	290,824	303,974	103,974	....	....	....	9
10	265,254	11,950	10	..	....	....	....	....	10	52,310	11,950	217,564	329,514	129,514	....	....	....	10
11	239,651	14,000	12	1	....	....	....	....	13	49,000	14,000	288,651	302,651	102,651	....	....	....	11
12	237,449	13,000	11	1	....	....	4	...	16	49,060	13,000	286,509	299,509	99,509	....	....	....	12
13	260,431	10,550	5	1	...	3	76	...	85	45,200	10,550	305,631	316,181	116,181	....	....	....	13
14	176,793	5,850	5	...	....	....	....	...	5	27,170	5,850	203,963	209,813	9,813	....	....	....	14
15	232,954	11,200	7	2	....	2	...	..	11	50,725	11,200	283,679	294,879	94,879	....	....	....	15
16	237,799	7,920	4	. .	...	1	80	....	85	49,175	7,920	286,974	294,894	94,894	....	....	....	16
17	237,449	12,500	12	1	....	....	4	....	17	49,060	12,500	286,509	299,009	99,009	....	....	....	17
18	237,856	6,340	3	1	....	3	8	...	15	44,950	6,340	282,806	289,146	89,146	....	....	....	18
19	243,026	9,500	7	...	....	1	....	....	8	50,605	9,500	293,631	303,131	103,131	....	....	....	19
20	256,055	6,650	5	....	....	1	..	...	6	49,925	6,650	305,980	312,630	112,630	....	....	....	20
21	175,615	4,650	2	2	....	...	5	...	9	22,045	4,650	197,660	202,310	2,310	....	....	....	21
22	248,998	16,250	12	...	1	3	6	...	22	52,685	16,250	301,683	317,933	117,933	....	....	....	22
23	239,188	14,400	10	2	....	3	6	....	21	46,570	14,400	285,758	300,158	100,158	....	....	....	23
24	254,994	13,050	8	2	..	2	1	...	13	53,195	13,050	308,189	321,239	121,239	....	....	....	24
25	240,102	7,300	5	....	1	2	7	..	15	53,235	7,300	293,337	300,637	100,637	....	....	....	25
26	236,083	9,000	6	1	....	3	12	....	22	45,220	9,000	281,303	290,303	90,303	....	....	....	26
27	258,797	10,550	7	1	...	1	73	...	82	50,190	10,550	308,987	319,537	119,537	....	....	....	27
28	174,260	6,650	4	1	....	1	...	....	6	22,125	6,650	196,385	203,035	3,035	....	....	....	28
29	253,037	12,000	6	1	....	4	6	....	17	54,360	12,000	307,397	319,397	119,397	....	....	....	29
30	245,011	16,150	11	1	...	..	90	...	102	41,025	16,150	286,036	302,186	102,186	....	....	....	30
31	264,104	9,750	6	....	....	4	7	..	17	45,545	9,750	309,649	319,399	119,399	....	....	....	31
Total	7,353,006	323,510	218	25	4	46	565	....	858	1,427,480	323.510	8,780,486	9,103,996	2,903,996	....	....	....	Total

TABLE NO. 52.— BY MONTHS.

Date.	Garbage.	DEAD ANIMALS.								Slaughter House Refuse.	Works No. 1.	Works No. 2.	Total.	Excess.	UNOFFICIAL.			Total.
		Amount.	Kind of and Number.															
			Horses.	Mules.	Hogs.	Cattle.	Dogs.	Cats.	Total.						Garbage.	Dead Animals.	Slaughter House Refuse.	
April	7,112,638	387,283	297	20	8	53	682	4	1,064	1,549,590	387,283	8,662,228	9,049,511	3,049,511	43,325	None.	None.	April
May	8,502,693	528,553	366	41	15	75	963	..	1,460	1,600,570	528,553	10,103,263	10,631,816	4 431,826	44,950	....	....	May
June	9,366,306	419,915	313	29	10	42	792	....	1,186	1,729,305	419,915	11,095,611	11,515,526	5,515,526	46,860	....	....	June
July	10,559,538	530,125	399	43	5	39	943	....	1,429	1,497,670	831,249	11,756,084	12,587,333	6,387,333	38,590	....	....	July
Aug.	13,951,881	717,550	566	44	5	60	685	....	1,360	1,383,065	4,351,813	11,700,683	16,052,496	9,864,190	....	....	....	Aug.
Sept.	13,039,517	437,650	337	19	3	44	693	...	1,096	1,492,160	4,026,487	10,942,840	14,969 327	8.969,327	....	....	....	Sept.
Oct.	9,240,996	437,980	377	40	7	24	781	1	1,230	1,558,010	513,118	10,759,868	11,272,986	5.072,986	....	....	....	Oct.
Nov.	7,902,710	401,050	301	27	3	26	481	...	838	1,343,445	401,050	9,246,155	9,647,205	3,647,205	....	....	....	Nov.
Dec.	7,969,502	436,650	322	39	5	52	613	....	1,031	1,560,959	436,650	9 530,461	9,967,111	3,767,111	....	....	....	Dec.
Jan.	7,696,666	347,475	247	25	5	47	321	....	645	1,462,820	347,475	9,159,486	9,506,961	3,306,961	....	....	....	Jan.
Feb.	6,630,668	399,250	298	36	1	74	225	....	624	1,348,845	399,250	7,979,513	8,378,763	2,778,763	....	....	....	Feb.
Mch.	7,353,006	323,510	218	25	4	46	565	...	858	1,427,480	323,510	8,780,486	9,103,996	2,903,996	....	....	....	Mch.
Total	109,326,121	5,502,991	4041	388	71	582	7744	5	12,831	17,953,919	12,966,353	119,716,678	132,683,031	59,694,735	173,725	....	....	Total

III.

SANITARY DIVISION.

Presenting 27 Tables, etc., as follows:

Table No. 1. Showing records of communicable diseases.
Table No. 2. Showing cases and deaths from diphtheria by wards.
Table No. 3. Showing location of diphtheria and scarlatina and number of houses examined, posted and disinfected.
Table No. 4. Showing sanitary condition of premises where diphtheria existed.
Table No. 5. Showing cases and deaths of diphtheria and croup, from January 1st, 1886, to April 1st, 1897. Eleven years and three months.
Table No. 6. Showing cases and deaths from diphtheria for the last eleven years and three months, and dairies by districts.
Table No. 7. Showing cases and deaths from croup by wards.
Table No. 8. Showing cases and deaths from scarlatina by wards.
Table No. 9. Showing sanitary condition of premises where scarlatina existed.
Table No. 10. Showing cases and deaths from typhoid fever by wards.
Table No. 11. Showing location of typhoid fever.
Table No. 12. Showing sanitary condition of premises where typhoid fever existed.
Table No. 13. Showing statistics relating to typhoid fever during the past 47 years.
Table No. 14. Showing cases and deaths of contagious diseases for the past thirty years.
Table No. 15. Showing cases and deaths from smallpox; also vaccination record for the last thirty years.
Table No. 16. Showing condition of tenement houses by wards, etc., No. 16 continued showing number of families in tenement houses by wards.
Table No. 17. Showing work done by meat inspectors, amount received, slaughtered, condemned, etc.
Table No. 18. Showing number, status and condition of dairies by wards.
Table No. 19. Showing number of nuisances found by sanitary officers.
Table No. 20. Miscellaneous matter, and showing number of complaints made for non-collection of garbage.
Table No. 21. Showing number of alleys examined in the month of February, 1897.
Table No. 22. Summary of appropriation, expenditures and unexpended balance.
Table No. 23. Showing expenditures for the year.
Table No. 24. Disinfectants purchased, used, remaining on hand, etc., for the year.
Table No. 25. Showing location of dairies by wards, number of cows, kind of water, etc.
Table No. 26. Giving location of ponds on public property.
Table No. 27. Record of police court cases.

TABLE NO. 1.

RECORD OF COMMUNICABLE DISEASES.

1896–1897. MONTHS.	SMALLPOX.		DIPHTHERIA.		SCARLATINA.		CROUP.		TYPHOID FEVER.		MEASLES.		TOTAL.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
April	1	....	144	21	24	....	9	4	14	4	158	5	350	34
May	...	...	67	11	12	1	8	7	14	9	61	1	162	29
June	....	..	75	14	13	....	6	5	14	6	8	....	116	25
July	....	....	62	15	3	....	2	1	34	13	7	....	108	29
August	....	...	72	8	4	...	7	6	66	29	....	....	149	43
September	....	....	148	28	12	....	25	10	46	13	1	....	232	51
October	....	....	159	25	24	1	24	13	25	9	3	....	235	48
November	....	....	190	29	44	1	17	4	13	7	2	....	266	41
December	....	....	186	30	38	...	24	10	16	5	2	....	266	45
January	....	....	147	17	21	2	21	13	10	7	4	....	203	38
February	....	....	71	10	22	...	10	8	15	9	7	....	125	27
March	....	....	98	1	35	1	11	2	14	7	21	....	179	11
Total	1	....	1419	209	252	6	164	83	281	118	274	6	2391	421

TABLE NO. 1A.

1896–1897. MONTHS.	ERYSIPELAS.		CEREBRO-SPINAL FEVER.		WHOOPING-COUGH.		CHICKEN-POX.		PUERPERAL FEVER.		CONSUMPTION.		TOTAL.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
April	21	8	2	3	4	1	13	....	3	3	....	88	42	103
May	15	2	....	...	15	2	4	...	5	2	....	77	39	83
June	6	1	2	2	14	8	2	..	2	1	....	84	26	96
July	4	1	2	2	21	12	...	....	....	...	....	84	27	99
August	1	1	3	2	13	5	1	....	5	2	...	75	23	85
September	2	....	1	1	15	6	....	..	6	1	...	89	24	97
October	6	....	...	...	9	3	16	....	...	...	...	73	31	76
November	8	1	2	....	9	3	4	....	2	1	....	74	25	79
December	6	....	1	1	8	2	3	..	1	....	...	78	19	81
January	12	2	....	1	15	3	6	....	1	....	....	92	34	98
February	13	1	2	2	9	9	5	....	2	...	1	92	32	104
March	5	....	3	3	9	5	10	....	7	4	....	127	34	139
Total	99	17	18	17	141	59	64	....	34	14	1	1033	357	1140

TABLE NO. 2.

CASES AND DEATHS FROM DIPHTHERIA BY WARDS.

1896-1897. WARDS.	April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		March.		1896 and 1897. Total.		Estimated Population.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
1	2	1	1	....	....	...	1	....	...	....	2	...	1	...	3	...	1	....	....	....	...	...	...	...	11	1	18,660
2	....	....	....	....	2	...	1	1	2	....	....	...	1	...	....	...	4	....	....	....	...	...	....	....	10	1	16,247
3	2	...	....	...	3	1	1	....	....	....	8	...	1	..	1	...	....	....	1	....	....	...	1	...	18	1	18,414
4	8	1	4	...	11	1	13	1	3	....	3	...	5	1	1	...	5	...	4	1	2	1	1	....	60	6	17,392
5	3	...	3	..	1	1	2	...	....	....	3	..	2	...	3	....	1	...	1	....	2	...	1	....	22	1	19,771
6	12	....	4	...	2	....	2	2	5	2	9	3	3	1	6	2	6	3	1	...	....	...	1	...	51	13	20,106
7	5	2	2	1	6	1	....	...	....	....	3	1	5	2	6	....	3	....	4	....	..	...	2	...	36	7	19,483
8	14	5	4	...	5	3	3	1	3	1	3	2	4	....	3	1	7	2	3	....	1	....	2	....	52	15	27,784
9	4	....	5	2	7	2	2	...	1	...	8	1	5	1	7	1	13	1	6	....	11	1	4	....	73	9	24,520
10	2	1	2	...	...	....	...	....	1	....	2	....	4	....	....	....	5	2	1	....	....	...	5	....	22	3	17,458
11	6	....	3	....	3	1	....	...	....	...	7	3	25	4	15	2	22	4	8	2	....	1	6	....	95	17	29,994
12	5	1	1	1	3	...	1	....	2	....	7	1	7	.	9	....	9	...	6	3	1	....	1	....	52	6	17,316
13	4	2	...	....	1	1	...	...	2	..	5	3	16	3	14	1	8	3	12	....	8	....	8	...	78	13	17,924
14	3	....	1	...	3	...	1	....	1	....	3	2	3	....	5	2	8	1	....	..	3	....	1	....	32	5	16,678
15	4	1	2	...	..	....	....	....	1	....	2	....	8	1	1	1	7	..	6	1	1	1	2	....	34	5	15,013
16	4	....	1	1	2	...	6	1	3	2	12	1	6	2	15	3	6	2	8	1	2	....	8	1	73	14	20,944
17	....	...	....	....	....	....	2	...	...	....	2	....	2	....	3	1	2	...	3	...	2	...	2	....	18	1	15,681
18	....	1	....	....	4	....	4	1	4	..	7	1	7	....	25	5	13	5	6	1	6	2	1	...	77	16	23,930
19	5	...	1	..	1	...	3	....	9	1	2	1	5	2	12	3	9	....	14	3	2	...	14	....	77	10	19,184
20	3	1	...	....	...	....	3	1	1	....	....	....	1	....	8	3	2	1	1	...	4	....	2	....	25	6	18,863
21	5	2	4	1	1	...	1	....	1	....	7	....	6	1	4	1	9	...	3	....	2	....	2	....	45	5	19,270
22	3	1	1	....	..	....	....	....	1	....	2	...	2	....	4	....	4	2	4	....	....	....	1	....	22	3	17,269
23	5	....	1	1	....	....	....	....	3	...	7	2	3	1	2	..	3	...	4	1	6	1	2	....	36	6	19,303
24	....	1	2	..	3	1	1	....	9	..	10	2	10	2	7	1	11	2	6	....	2	1	1	...	62	10	17,520
25	3	1	3	1	2	...	2	....	7	1	3	1	5	2	5	1	3	....	5	....	1	1	6	....	45	8	19,908
26	12	....	11	2	6	1	6	3	5	....	15	1	12	2	18	1	11	2	24	1	6	....	2	....	128	13	40,504
27	22	....	9	1	7	1	5	4	5	1	9	2	8	...	8	...	9	....	5	3	5	....	11	....	103	12	28,148
28	8	....	2	...	2	....	2	....	3	....	7	1	2	...	5	....	5	...	11	...	4	1	11	....	62	2	32,716
Total	144	21	67	11	75	14	62	15	72	8	148	28	159	25	190	29	186	30	147	17	71	10	98	1	1419	209	590,000

TABLE NO. 3.

1896-1897. Months.	LOCATION OF DIPHTHERIA.										LOCATION OF SCARLET FEVER.									
	South of R. R. Tracks.		Between R. R. Tracks and Wash Street.		North of Wash Street and East of Grand Av.		West of Grand Avenue.		Totals.		South of R. R. Tracks.		Between R. R. Tracks and Wash Street.		North of Wash Street and East of Grand Av.		West of Grand Avenue.		Totals.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
April	37	7	17	4	34	5	56	5	144	21	4	....	....	...	9	....	11	..	24	..
May	21	6	5	..	15	2	26	3	67	11	7	....	....	....	1	....	4	1	12	1
June..........	24	7	3	.	28	2	20	5	75	14	4	...	....	....	....	...	9	..	13	..
July..........	8	..	10	2	28	5	16	8	62	15	1	....	...	....	1	....	1	.	3	..
August	14	1	14	1	28	4	16	2	72	8	1	....	1	....	2	....	...	..	4	..
September	51	11	10	1	53	10	34	6	148	28	3	....	3	...	4	....	2	..	12	..
October........	68	14	20	3	45	6	26	2	159	25	5	....	7	1	5	....	7	..	24	1
November	57	6	31	8	68	13	34	2	190	29	15	....	6	....	12	....	11	1	44	1
December	62	8	29	3	63	15	32	4	186	30	17	...	3	....	4	....	14		38	..
January	44	3	28	4	32	6	43	4	147	17	8	1	4	....	1	....	8	1	21	2
February......	24	4	9	1	22	4	16	1	71	10	9	....	2	....	4	...	7	..	22	..
March	32	..	21	..	19	1	26	..	98	1	11	....	....	....	9	1	15	.	35	1
Totals.....	442	67	197	27	435	73	345	42	1419	209	85	1	26	1	52	1	89	3	252	6

TABLE NO. 3.—*Continued.*

SHOWING NUMBER OF HOUSES EXAMINED AND POSTED.

April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
150	96	94	85	120	202	199	184	221	181	110	120	1762

TABLE NO. 3.—*Continued.*

SHOWING NUMBER OF HOUSES DISINFECTED.

April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
186	99	98	102	77	129	158	165	211	160	132	87	1586

TABLE NO. 4.

SHOWING SANITARY CONDITION OF PREMISES WHERE DIPHTHERIA EXISTED.

1896 AND 1897. MONTHS.	Sewer Connection.		Defective Plumbing.	Defective Sewering.	Full or Filthy Privies and Closets.	Filthy Yards.	Filthy and Damp Cellars.	Tenement Houses.		Kind of Water Used.			Premises where Well and Cistern are within 25 Feet of Privies.	Where Privies, Yards and Water are used in Common.
	Yes.	No.						Yes.	No.	City.	Well.	Cistern.		
April	82	22	3	2	28	11	4	45	59	89	15	36	16	67
May	47	11	7	....	16	1	4	13	45	48	9	21	13	32
June..........	53	14	1	....	6	1	7	26	41	55	4	20	6	43
July	40	10	4	....	7	2	3	19	31	42	5	10	1	34
August......	49	9	....	1	5	3	5	15	43	49	7	16	3	31
September	112	19	5	....	6	7	3	45	86	110	16	46	22	83
October	105	28	2	....	9	6	1	35	98	109	14	41	12	62
November.......	135	18	6	....	8	2	1	34	119	139	10	36	12	76
December..................	132	16	6	....	6	3	2	41	107	131	18	39	14	81
January.....................	89	20	....	....	17	1	2	29	80	89	12	20	7	59
February....................	49	8	2	....	5	3	....	20	37	47	6	19	10	31
March.......................	56	8	1	1	10	1	5	15	49	52	5	18	4	31
Total	949	183	44	4	123	41	37	337	795	960	121	322	120	630

TABLE NO. 5.

DIPHTHERIA AND CROUP:* CASES AND DEATHS FROM JANUARY 1ST, 1886, TO APRIL 1ST, 1897, ELEVEN YEARS AND THREE MONTHS.

NOTE.—In the table the statistics of diphtheria appear in the first line of each year, those for croup in the second line.

YEAR.	Jan.		Feb.		March.		April.		May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1886	124	45	94	35	82	42	102	24	100	28	123	32	138	48	187	57	292	85	429	106	690	123	460	94	2826	719
*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160
1887	313	82	183	47	182	41	138	52	158	50	125	43	113	46	254	62	427	135	457	115	440	139	318	115	3108	927
*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	185
1888	231	88	139	46	164	60	137	44	89	34	93	34	64	15	88	27	131	48	215	61	132	47	175	60	1658	564
*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	167
1889	117	39	138	44	117	36	111	30	109	33	51	12	62	14	71	15	127	23	144	37	108	29	88	33	1243	345
*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	94
1890	64	13	59	19	36	6	40	6	44	19	49	16	44	15	47	15	68	17	71	21	59	15	88	23	667	185
*	...	9	...	2	...	5	...	2	...	4	...	...	...	1	...	2	...	3	...	8	...	14	...	8	...	58
1891	55	20	68	25	65	22	70	23	50	22	24	11	43	14	40	13	78	15	96	34	81	23	101	27	771	249
*	...	10	...	5	...	7	...	6	...	3	...	3	...	5	...	3	...	4	...	19	...	15	...	10	...	90
1892	77	21	43	11	51	17	50	16	37	16	15	7	23	5	59	15	68	26	84	18	97	28	67	28	671	208
*	...	11	...	3	...	10	...	2	...	1	...	2	...	3	...	3	...	2	...	16	...	22	...	16	...	91
1893	63	34	77	19	81	31	52	19	39	16	26	10	21	9	41	18	48	18	60	28	60	22	45	18	613	242
*	...	16	...	13	...	16	19	8	11	9	7	3	5	5	12	7	11	7	37	23	31	23	24	14	157	144
1894	51	18	32	10	34	12	48	17	27	11	26	10	29	11	42	15	48	12	75	23	183	61	146	38	751	238
*	32	16	16	15	11	7	9	4	3	...	7	4	7	4	8	4	11	4	32	17	61	34	53	30	250	139
1895	145	37	101	26	107	25	96	22	119	31	77	23	132	41	155	36	330	60	615	87	583	73	417	55	2877	516
*	22	13	30	16	20	14	25	15	16	11	7	3	14	6	8	3	19	10	64	30	73	30	47	16	345	167
1896	296	48	191	29	185	21	144	21	67	11	75	14	62	15	72	8	148	28	159	25	190	29	186	30	1775	279
*	27	20	23	13	9	6	9	4	8	7	6	5	2	1	7	6	25	10	24	13	17	4	24	10	181	99
1897	147	17	71	10	98	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	316	28
*	21	13	10	8	11	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	42	23

The morbidity statistics for this disease were not reported prior to 1893, nor are the figures of monthly mortality for the time anterior to 1890 available.

TABLE NO. 6.

CASES AND DEATHS FROM DIPHTHERIA FOR THE LAST ELEVEN YEARS AND THREE MONTHS, AND DAIRIES BY DISTRICTS.

	Cases.	Deaths.	Dairies.	Cows.	Estimated Population
District south of R. R. tracks, Mo. Pac. & St. L. & San Francisco	7,312	1,908	202	4,199	188,587
District between R. R. tracks and Wash street	2,253	582	2	4	120,917
District north of Wash street and east of Grand avenue	5,045	1,387	37	281	151,344
District west of Grand avenue	2,745	616	182	4,175	129,152
Total	17,355	4,523	423	8,659	590,000

TABLE NO. 7.

CASES AND DEATHS FROM CROUP BY WARDS.

WARDS.	April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total.	
1896-1897.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	....	2
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	...
4	1	..	1	1	..	..	..	..	1	..	1	2	..	..	1	..	3	..	..	1	..	..	..	..	8	4
5	1	1	1	..	..	..	..	..	..	..	3	1	1	..	1	..	..	1	..	..	3	2	1	1	11	6
6	1	..	..	..	1	1	..	..	1	1	..	..	1	..	1	..	1	1	1	..	1	..	..	..	8	3
7	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2	..	4	..	..	1	1	..	..	..	9	1
8	..	1	..	..	..	..	..	..	1	1	1	..	4	2	..	..	2	..	..	..	..	..	1	1	9	5
9	..	..	1	1	3	1	..	..	..	..	3	1	2	2	..	..	1	..	..	..	..	..	..	..	10	5
10	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	..	2	1
11	..	..	1	1	..	..	1	1	..	..	4	1	2	1	4	1	1	..	3	1	..	1	1	..	17	7
12	..	..	1	1	..	..	..	..	1	1	1	1	1	1	1	1	2	1	1	..	..	..	..	..	8	6
13	1	..	..	..	..	..	..	..	2	2	..	..	1	1	..	..	..	..	1	..	2	..	..	..	7	3
14	1	1	..	..	..	..	..	..	..	..	2	2	1	..	1	..	..	..	..	..	..	..	..	..	5	3
15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	2	1	1	1	..	5	4
16	..	..	1	1	1	1	..	..	1	1	2	..	1	..	..	..	3	..	1	1	1	1	1	..	12	5
17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
18	1	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	1	1	2	1	..	..	2	..	9	3
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	...
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	...
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	..
22	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2
23	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	2	..	4	2
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1
25	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	1	..	..	1	1	..	..	4	2
26	1	1	..	..	1	1	1	..	..	..	1	..	4	3	2	1	..	1	5	2	..	..	..	..	15	9
27	2	..	..	..	..	..	..	..	..	..	3	2	1	1	..	..	1	..	2	2	..	..	1	..	10	5
28	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	2	1	..	..	..	..	3	2
Total	9	4	8	7	6	5	2	1	7	6	25	10	24	13	17	4	24	10	21	13	10	8	11	2	164	83

TABLE NO. 8.

CASES AND DEATHS FROM SCARLET FEVER BY WARDS.

WARDS. 1896–1897.	April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		March.		1896 and 1897.		Estimated Population by Wards.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18,660
2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	16,247
3	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	2	...	5	...	18,414
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17,392
5	...	...	1	...	3	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	4	...	11	...	19,771
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	20,106
7	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	...	...	2	...	1	...	7	...	19,483
8	2	...	2	...	2	...	...	...	...	...	2	...	3	...	2	...	7	...	5	1	3	...	8	...	36	1	27,784
9	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	...	...	...	...	5	...	24,520
10	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	1	...	...	1	3	1	17,458
11	...	...	1	...	1	...	...	...	...	...	...	...	...	...	8	...	11	...	1	1	1	...	...	...	23	1	29,994
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	4	...	6	...	17,316
13	1	...	1	...	...	...	...	...	...	...	...	...	...	...	4	...	1	...	2	...	2	...	...	...	11	...	17,924
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	2	...	5	...	16,678
15	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	3	...	15,013
16	...	...	1	...	...	...	1	...	...	...	1	...	2	...	4	...	1	...	...	...	...	...	1	...	11	...	20,944
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	2	...	2	...	...	...	7	...	15,681
18	7	...	...	...	...	...	...	...	...	...	...	...	2	...	4	...	...	...	1	...	2	...	...	...	16	...	23,930
19	...	...	...	...	...	...	...	...	...	...	2	...	4	...	...	...	2	...	2	...	...	...	...	...	10	...	19,184
20	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	1	...	...	...	...	...	...	...	5	...	18,863
21	1	...	3	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	1	...	...	...	2	...	10	...	19,270
22	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	17,269
23	1	...	...	...	...	...	...	...	...	...	...	...	4	...	1	...	...	...	2	...	1	...	...	...	9	...	19,303
24	2	...	...	...	...	...	...	...	...	...	3	...	1	...	1	...	...	...	...	...	...	...	2	...	9	...	17,520
25	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	4	...	19,908
26	7	...	2	1	1	...	1	...	...	...	...	...	...	...	1	...	3	...	2	...	3	...	2	...	22	1	40,504
27	...	...	...	...	2	...	...	...	...	...	...	...	...	...	5	1	2	...	1	...	...	...	...	...	10	1	28,148
28	2	...	...	...	4	...	...	...	...	...	...	...	4	...	3	...	2	...	...	...	1	...	5	...	21	...	32,716
Total	24	...	12	1	13	...	3	...	4	...	12	...	24	1	44	1	38	...	21	2	22	...	35	1	252	6	590,000

TABLE NO. 9.

SHOWING SANITARY CONDITION OF PREMISES WHERE SCARLATINA EXISTED.

1896 AND 1897. MONTHS.	Sewer Connection.		Defective Plumbing.	Defective Sewering.	Full or Filthy Privies and Closets.	Filthy Yards.	Filthy and Damp Cellars.	Tenement Houses.		Kind of Water Used.			Premises where well and Cistern are within 25 ft. of Privies.	Where Privies, Yards and Water are Used in Common.
	Yes.	No.						Yes.	No.	City.	Well.	Cistern.		
April	16	5	1	....	1	....	3	1	20	15	4	9	1	7
May	8	2	1	...	1	1	1	3	7	5	2	3	1	6
June	11	2	....	....	....	1	1	2	11	12	1	5	2	6
July	3	....	1	..	....	..	....	...	3	2	....	1	......	1
August	4	...	....	....	....	....	...	2	2	4	...	...	......	3
September	11	1	....	....	...	....	...	7	5	11	....	3	2	7
October	17	2	1	....	2	2	1	3	16	18	..	4	.....	5
November	32	5	....	. ..	....	....	...	5	32	33	4	13	3	18
December	25	7	....	....	1	....	1	8	24	27	4	10	1	17
January	15	3	....	....	....	....	...	4	14	15	2	6	2	9
February	16	3	....	....	..	...	..	4	15	16	1	8	1	6
March	23	2	1	....	1	....	...	7	18	24	2	6	3	13
Total	181	32	5	....	6	4	7	46	167	182	20	68	16	98

TABLE NO. 10.

CASES AND DEATHS FROM TYPHOID FEVER BY WARDS.

WARDS.	April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		March.		Total.		Public Institutions.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	...	...	...	...	...	...	1	...	...	...	1	...	...	...	2	1	1	1	1	...	...	...	...	...	6	2	2	...
2	...	...	...	...	...	...	...	...	3	...	1	...	1	...	1	1	...	...	...	...	...	...	1	1	7	2	3	...
3	1	1	...	...	1	...	1	1	6	3	3	3	...	...	1	1	...	...	...	...	1	1	...	...	14	10	...	...
4	1	1	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	5	1	...	...
5	...	...	...	...	1	...	1	...	4	...	2	...	1	1	...	...	...	...	...	...	...	...	...	...	9	1	3	...
6	2	...	...	...	...	...	1	1	1	...	1	1	1	...	...	...	1	...	...	...	...	...	...	...	7	2	...	...
7	1	...	...	...	...	...	...	...	2	1	1	...	1	1	1	...	...	...	1	1	...	...	...	...	7	3	1	...
8	...	...	2	1	...	...	1	...	3	2	3	...	1	1	2	...	1	1	...	...	...	...	...	...	13	5	2	...
9	...	...	...	...	...	...	1	...	1	1	1	...	3	...	...	...	...	...	1	1	...	...	...	...	7	2	...	...
10	...	...	...	...	...	...	3	2	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	6	2	...	...
11	2	1	1	...	1	1	2	...	6	2	2	...	3	1	3	1	...	...	2	1	3	1	1	...	26	8	8	...
12	1	...	...	...	...	...	2	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	5	1	1	...
13	2	...	...	...	...	...	2	1	1	1	1	1	1	...	1	...	...	...	...	...	...	...	2	1	10	4	3	...
14	...	...	...	...	...	...	2	...	2	3	1	1	...	...	...	...	...	...	...	...	...	...	1	...	6	4	...	...
15	...	...	...	...	1	...	1	...	...	...	1	1	...	...	...	...	1	...	...	...	1	...	...	...	5	1	1	...
16	...	...	1	1	...	...	2	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	5	2	...	...
17	...	...	1	1	1	...	...	...	2	1	2	2	...	...	...	...	...	...	...	...	1	...	...	...	7	4	2	...
18	...	...	...	...	1	1	1	...	1	...	1	...	2	1	1	...	...	...	...	...	1	1	1	...	9	3	1	...
19	...	...	...	...	4	2	6	5	10	9	9	1	1	1	...	...	9	3	2	2	3	2	1	...	45	25	40	19
20	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	1	...	...
21	3	...	1	...	...	...	...	...	1	1	...	...	1	...	1	1	...	...	...	...	...	...	1	1	8	3	4	...
22	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	1	1	...	...	3	2	...	...
23	...	...	1	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...
24	...	1	2	1	2	2	1	1	7	1	2	1	2	1	...	...	...	...	...	...	...	...	1	1	17	9	1	...
25	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	1	...	...	...	...	2	1	1	...	6	2	...	...
26	...	...	1	1	...	...	1	...	1	...	1	...	2	1	...	...	1	...	1	1	2	2	2	2	12	7	...	...
27	...	...	2	2	...	...	4	1	5	3	4	1	2	1	...	...	1	...	1	1	...	...	2	1	20	9	6	2
28	1	...	2	2	1	...	...	...	1	...	2	...	1	...	...	...	1	...	1	1	...	...	...	...	10	3	...	...
Total	14	4	14	9	14	6	34	13	66	29	46	13	25	9	13	7	16	5	10	7	15	9	14	7	281	118	78	21

TABLE NO. 11.

SHOWING LOCATION OF TYPHOID FEVER.

1896-1897. MONTHS.	South of R. R. Tracks.		Between R. R. and Wash Street.		North of Wash St. and East of Grand Av.		West of Grand Av.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
April	9	2	....	....	4	2	1	......	14	4
May	3	....	1	1	3	2	7	6	14	9
June	3	1	7	2	3	3	1	......	14	6
July	7	2	8	5	13	5	6	1	34	13
August	23	9	17	10	16	5	10	5	66	29
September	12	4	15	5	9	3	10	1	46	13
October	12	3	2	1	5	2	6	3	25	9
November	7	4	3	3	1	....	2	......	13	7
December	......	....	11	4	1	....	4	1	16	5
January	4	3	3	2	1	......	2	2	10	7
February	6	3	6	3	1	1	2	2	15	9
March	5	2	2	1	3	1	4	3	14	7
Total	91	33	75	37	60	24	55	24	281	118

TABLE NO. 12.

SHOWING SANITARY CONDITION OF PREMISES WHERE TYPHOID FEVER EXISTED.

1896-1897. MONTHS.	Sewer Connection.		Defec. Plumbing.	Defective Sewering.	Full or Filthy Privies and Closets.	Filthy Yards.	Filthy and Damp Cellars.	Tenement Houses.		Kind of Water used			Premises where Well and Cistern are within 25 feet of Privies.	Where Privies, Yards and Water are Used in Common.
	Yes.	No.						Yes.	No.	City.	Well.	Cistern.		
April	7	4	....	....	4	1	1	5	6	9	3	4	3	9
May	11	......	1	....	1	..	1	4	7	11	3	3	2	6
June	6	......	....	....	1	2	1	3	3	6	....	1	....	4
July	18	5	...	1	4	1	....	9	14	16	....	9	2	13
August	37	5	1	....	2	....	....	9	34	36	6	12	3	24
September	30	4	....	....	1	....	....	5	29	30	5	9	4	16
October	16	2	2	....	.....	1	...	6	12	17	....	2	2	12
November	8	......	...	..	.....	....	...	2	6	7	3	....	1	5
December	6	......	....	...	1	...	...	1	5	6	1	....	....	4
January	7	1	....	....	.....	...	1	1	7	8	1	1	1	7
February	8	1	...	....	2	....	...	1	8	6	1	4	1	5
March	11	1	....	...	3	1	....	5	7	12	1	2	2	8
Total	165	23	4	1	19	6	4	51	138	164	24	47	21	113

TABLE NO. 13.

SHOWING STATISTICS RELATING TO TYPHOID-FEVER DURING THE PAST FORTY-SEVEN YEARS.

YEARS.	Cases.	Deaths.	Miles of Water Pipe in Service Each Yr.	Miles of Sewer Pipes in Service Each Yr.	Population.	Deaths in Each 10,000 Living.
1850	......	125	......	......	......	......
1851	......	218	......	......	......	......
1852	......	227	......	......	......	......
1853	......	157	......	......	......	......
1854	......	222	......	......	......	......
1855	......	179	......	......	......	......
1856	......	114	......	......	......	......
1857	......	107	......	......	......	......
1858	......	131	......	......	......	......
1859	......	197	......	......	......	......
1860	......	151	......	......	......	......
1861	......	100	......	......	......	......
1862	......	110	......	......	......	......
1863	......	147	......	......	......	......
1864	......	220	......	......	......	......
1865	......	304	......	......	......	......
1866	......	401	......	......	......	......
1867	......	194	80 88	66 90	216,477	9.26
1868	......	294	84.78	85.30	250,000	11.76
1869	......	202	95 52	102.10	284,967	7.21
1870	......	269	100.62	111.13	312,963	8.67
1871	......	174	104.75	117.16	......	......
1872	......	176	118 89	129.25	......	......
1873	......	167	145.49	141.00	......	......
1874	......	131	155.87	150.00	......	......
1875	......	131	157.75	163.39	325,000	4.09
1876	......	103	177.88	172.00		
1877	......	130	179.00	177.53	......	......
1878	......	74	181.78	179.27	......	......
1879	......	112	191.48	188.26	......	......
1880	......	139	199.60	196.35	350,518	3.96
1881	......	191	212.04	202.66		
1882	......	166	224.77	211.30	......	......
1883	......	158	234.45	218.26	......	......
1884	......	166	238.05	223.38	......	......
1885	......	125	256.84	232.10	......	......
1886	......	124	278.93	247 10	400,000	3 12
1887	......	116	294 73	262 78		
1888	...	133	314.39	270.68	......	......
1889	350	140	336.09	298.42	......	......
1890	427	137	353.60	311 09	451,770	3 03
1891	436	172	373 50	323.65	......	......
1892	3,624	514	410.00	365 00	500,000	10.02
1893	681	171	447 36	380.18	515,293	3.32
1894	783	172	467.73	391 58	550,000	3.13
1895	392	100	492.86	415.55	560,000	1.78
1896	281	118	532.01	434 56	590,000	2.

Report of cases for year 1889, 1890 and 1891 not considered complete.

TABLE NO. 14.

SHOWING CASES AND DEATHS OF CONTAGIOUS DISEASES FOR THE PAST FORTY-SEVEN YEARS.

YEARS.	Small-Pox.		Diphtheria.		Croup.		Scarlet Fever.		Typhoid Fever.		Measles.		Consumption		Cholera.		Total number of Deaths from all Causes.	Population.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.		
1850...	......	7	......	....	...	....	......	....	......	125	......	....	....	195	....	865	4,210	*77,860
1851...	......	7	......	....	..	....	......	....	......	218	......	....	....	174	....	820	4,388	86,151
1852...	......	39	.....	....	....	....	......	....	......	227	......	....	....	220	....	696	4,714	94,442
1853...	......	22	......	....	....	....	......	....	.....	157	......	....	....	330	....	10	3,832	102,733
1854...	......	4	......	....	...	...	......	....	......	222	......	....	....	353	....	1,351	6,440	111,024
1855...	......	28	......	....	...	....	......	..	......	179	......	....	....	368	....	534	5,231	119,315
1856...	......	10	......	....	..	....	.....	...	......	114	......	....	...	323	....	5	3,602	127,606
1857..	......	159	......	...	....	...	.....	...	.....	107	......	....	...	268	...	7	4,065	135,897
1858...	......	15	......	....		...	.....	....	......	131	......	....	....	335	....	22	4,231	144,188
1859...	......	2	......	...	....	....	......	....	......	197	......	....	....	414	...	13	4,765	152,479
1860...	......	.....	......	....	....	....	....	...	......	151	......	....	....	324	...	1	4,978	*160,773
1861...	......	2	......	...	...	....	.....	...	......	100	......	...	...	324	....	1	4,170	175,782
1862...	.....	46	.....	....	...	..	....	....	.....	110	......	...	....	328	....	7	5,236	190,791
1863...	......	109	......	....	....	...	......	...	......	147	......	....	....	461	....	7	5,951	205,800
1864...	......	63	......	....	....	....	......	....	......	220	......	....	....	388	....	2	6,893	220,809
1865...	......	114	......	....	....	....	.....	....	......	304	......	....	....	518	....	4	6,157	235,818
1866...	......	27	......	....	....	....	......	....	......	401	......	....	....	508	....	2,981	9,099	250,827
1867...	89	18	......	48	....	58	.....	27	......	194	......	28	....	464	....	684	6,538	265,836
1868...	10	1	......	35	....	44	.....	28	......	294	......	8	....	503	....	1	5,193	280,845
1869...	502	240	......	49	....	51	......	55	......	202	.....	112	....	571	....	2	5,884	295,854
1870...	......	375	......	75	....	92	......	263	......	269	......	32	....	620	....	3	6,670	*310,864
1871...	.....	9	......	68	...	79	......	68	......	174	......	39	....	599	....	1	5,265	314,829
1872...	3,789	1,591	......	76	....	66	......	47	......	176	......	57	....	568	...	5	8,047	318,794
1873...	......	837	......	61	....	78	......	22	.... .	167	......	35	....	751	....	131	8,551	323,759
1874...	......	447	......	56	....	53	......	87	......	131	......	51	....	581	....	......	6,506	326,724
1875...	......	603	......	160	....	72	......	508	.....	131	......	70	....	740	....	.....	7,532	330,689
1876...	.....	90	......	167	....	157	......	124	......	103	......	55	....	721	....	......	6,019	334,654
1877...	13	1	.....	165	....	69	......	40	......	130	......	1	....	686	....	......	5,660	338,619
1878...	.....	......	......	156	....	85	......	36	......	74	.....	35	....	730	....	......	6,002	342,584
1879...	......	......	......	141	....	62	......	39	....	112	......	25	....	781	...	......	6,167	346,559
1880...	9	......	......	113	....	61	......	47	......	139	......	55	....	786	....	......	6,636	*350,518
1881...	......	115	......	157	....	68	......	108	......	191	......	27	....	913	....	......	8,410	361,466
1882...	......	41	.....	385	....	103	......	346	.....	166	......	64	....	870	....	......	7,845	372,414
1883...	.....	233	......	553	....	134	......	349	......	158	......	29	....	944	....	......	8,177	383,362
1884...	104	29	......	425	....	32	......	161	......	166	......	33	....	845	....	......	7,887	394,310
1885...	3	......	......	372	....	109	......	164	......	125	......	54	....	888	....	......	7,490	405,258
1886...	......	......	3,504	889	...	160	......	149	......	124	......	6	....	915	....	......	8,268	416,206
1887...	17	1	2,964	951	267	185	513	48	......	116	1,426	40	..	829	....	......	9,155	427,154
1888...	90	10	1,496	489	193	167	516	30	......	133	1,714	31	...	800	...	......	9,015	438,102
1889...	......	......	1,030	264	117	70	1,882	120	350	140	230	7	....	655	....	......	8,004	449,050
1890...	52	5	696	214	114	64	1,336	94	427	137	52	1	....	843	....	......	8,409	*460,000
1891...	26	5	754	231	150	91	948	109	436	172	669	36	...	869	...	......	9,530	481,666
1892...	......	......	721	243	159	103	1,056	153	3,624	514	471	7	....	882	....	......	10,225	503,342
1893...	3	1	509	198	216	133	731	55	681	171	1,054	26	....	984	....	......	10,303	525,000
1894...	229	49	987	286	263	130	586	26	782	172	406	7	....	875	....	......	8,710	546,666
1895...	144	24	3,196	526	332	163	381	18	392	100	1,686	44	....	1,000	....	......	9,425	568,332
896...	1	......	1,419	209	164	82	252	6	281	118	274	6	....	1,026	....	......	9,897	590,000

* Population taken from United States census each 10 years.
Intermediate years are approximate.

TABLE NO. 15.

SHOWING CASES AND DEATHS FROM SMALL-POX; ALSO VACCINATION RECORD FOR THE LAST THIRTY YEARS.

YEARS.	Cases.	Deaths.	Vaccination from Virus Supplied by Health Dept.	REMARKS.
1867	89	18	....	Small-pox Hospital on Arsenal Island.
1868	10	1	10,600	“ “ “ “ “
1869........	502	240	....	Reports of Cases not Considered Accurate. Admitted to Arsenal Island, 270, whom 69 Died.
1870........	.....	375	....	48 Cases Sent to Quarantine, 7 deaths included in the 9.
1871........	......	9	....	
1872	3,789	1,591	60,172	
1873.... ...	......	837	....	
1874	......	447	....	Cases not Reported.
1875........	......	603	....	
1876........	.....	90	....	
1877	13	1	5,665	
1878	......	......	4,011	
1879........	.....	......	2,740	
1880	9	......	5,853	
1881........	.....	115	68,562	14 Deaths in the City and 171 at Quarantine.
1882........	.....	41	5,380	
1883........	.....	233	32,277	62 Deaths in the City and 171 at Quarantine. 554 Patients sent to Quarantine.
1884........	104	29	17,300	All these Cases were sent to Quarantine, and all deaths occurred there.
1885........	3	......	7,650	
1886	.....	.....	4,398	
1887	17	1	18,837	All Cases sent to Quar. and all deaths occurred there.
1888........	90	10	34,000	“ “ “ “ “ “
1889.	......	.....	14,225	“ “ “ “ “ “
1890........	52	5	33,760	“ “ “ “ “ “
1891	26	5	24,720	“ “ “ “ “ “
1892	......	.....	11,401	“ “ “ “ “ “
1893	3	1	24,947	“ “ “ “ “ “
1894	229	49	75,195	“ “ “ “ “ “
1895........	144	24	34,325	“ “ “ “ “ “
1896........	1	......	8,073	“ “ “ “ “ “

TABLE NO. 16.

SHOWING CONDITION OF TENEMENT HOUSES BY WARDS, ETC. EXAMINATION MADE DURING THE MONTHS OF JANUARY AND FEBRUARY, 1897.

Wards.	No. of Tenement Premises.	No. of Buildings.	No. of Vacant Tenements.	Rooms.		Number of				City Water.		Wells.	Cisterns.	Sewer Conn't'd.		Average person per room.	Air Space.				Cubic feet of Air Space to a Person.	Average Size of Rooms.	Defective Plumbing.	Ventilation.		Light.		Filthy Privy Vault.	Filthy Cellars.	Filthy Premises.
				Occupied.	Vacant.	Families.	Persons.	Adults.	Children.	Yes.	No.			Yes.	No.		Under 600 cu. feet.	600 to 750.	751 to 1000.	Over 1000.				Good.	Bad.	Good.	Bad.			
1.....	68	130	3	1,327	177	574	1,825	1,357	468	68	..	1	1	68	....	1 38	1	6	16	45	1,153	12 x13 x 9	5	60	8	52	16	10	4	7
2	47	96	..	1,173	173	543	1,983	1,249	734	47	..	2	4	47	....	1.69	2	6	19	20	1,015	13 x14 x 9	..	46	1	39	8	4	1	2
3	67	120	3	1,199	277	510	1,896	1,157	739	67	..	....	2	67	....	1.58	2	8	13	44	1,121	13½x14¼x 9¼	5	60	7	60	7	8	2	8
4	260	522	..	5,820	808	2,442	9,798	5,519	4,279	258	2	44	38	260	....	1.68	4	20	93	143	1,047	13 x15 x 9	6	233	27	237	23	31	29	35
5.....	184	348	..	3,756	455	1,329	5,271	3,033	2,238	184	..	45	43	183	1	1.41	1	10	23	150	1,338	14 x14½x 9¼	..	182	2	182	2	2	2	2
6.....	179	331	.	3,578	417	1,258	5,096	2,968	2,128	162	17	67	68	179	....	1.42	3	6	34	136	1,277	13 x14 x10	4	178	1	178	1	24	5	9
7.....	137	246	..	2,848	258	962	4,063	2,239	1,824	137	..	56	44	137	...	1.41	2	4	28	103	1,212	13¼x14½x 9	..	132	5	132	5	6	8	6
8.....	39	66	.	633	103	229	942	536	406	34	5	9	13	37	2	1.48	2	4	6	27	1,198	13 x13½x10	..	39	....	39	....	6	4	6
9......	75	123	14	1,579	206	554	2,309	1,283	1,026	75	..	9	23	75	....	1.47	..	1	4	70	1,440	15 x15 x 9⅛	..	75	....	75	...	5	2	...
10......	255	468	.	5,117	464	1,972	7,942	5,238	2,704	249	6	78	88	255	....	1.55	4	13	68	170	1,111	12 x16 x 9	4	251	4	250	5	5	4	6
11......	20	30	12	329	34	118	481	268	213	18	2	1	13	20	....	1.46	....	...	6	14	1,305	13¼x14¼x10	..	20	....	20	....	11	1	1
12.....	237	405	..	4,546	246	1,552	6,408	3,840	2,568	227	10	133	169	237		1.40	1	3	36	197	1,336	13 x14⅛x10	..	237	....	237	...	4	....	....
13.....	21	26	9	345	109	137	569	310	259	11	10	9	17	11	10	1.60	....	2	5	14	1,337	15⅛x16½x11¼	..	21	....	21	....	4	....	6
14.....	61	93	..	1,306	110	491	1,996	1,088	908	61	..	3	1	60	1	1.53	...	7	16	38	1,074	13 x14 x 9	2	61	....	61	. .	5	3	2
15......	191	405	..	3,954	562	1,688	5,906	4,021	1,885	189	2	39	20	190	1	1 50	8	15	44	124	1,116	13 x13 x10	..	177	14	177	14	16	13	18
16......	179	290	..	3,462	218	1,099	4,674	2,761	1,913	174	5	65	95	179	..	1 35	1	4	20	154	1,385	12 x15½x10	..	178	1	178	1	7	3	8
17......	62	119	..	1,840	306	696	2,609	1,807	802	62	..	2	3	62	..	1.42	1	2	15	44	1,145	13 x13½x 9	7	56	6	57	5	3	2	2
18.....	77	141	..	1,484	160	482	1,982	1,131	851	64	13	32	50	73	4	1 33	2	2	8	65	1,390	13 x15 x 9½	..	77	...	77	...	7	1	5
19.....	44	79	..	889	105	351	1,267	898	369	44	..	3	1	44	...	1 42	3	2	11	28	1,159	13 x14 x 9	1	41	3	32	12	7	2	2
20......	12	16	..	230	19	78	303	200	103	12	..	2	1	12	...	1.31	....	1	1	10	1,401	13 x14 x10	..	12	....	12	...	1	1	...
21.....	31	55	4	650	81	237	908	560	348	31	..	....	1	31	....	1.40	1	1	....	29	1,441	14 x14¾x 9¾	1	31	...	31	....	2	1	1
22.....	15	26	..	368	32	138	520	336	184	15	..	1	2	15	....	1.41	....	...	1	14	1,254	12 x14 x10	..	15	....	14	1	4	1	2
23.....	38	43	8	734	43	244	977	551	426	37	1	10	15	38	....	1.58	....	....	4	34	1,673	13½x15 x10¼	..	38	....	38	....	....	1	....
24	34	53	..	726	113	145	987	607	380	32	2	6	9	34	...	1.36	....	1	7	26	1,326	12 x15 x10	..	24	....	34	. .	5	5	4
25	50	94	4	933	189	347	1,388	812	576	49	1	4	4	49	1	1.68	1	3	6	40	1,309	13 x14¼x10	1	50	...	49	1	10	3	3
26......	33	60	..	839	100	256	1,052	616	436	31	2	3	5	30	3	1.25	....	.. .	3	30	1,468	14 x13 x10	..	33	....	28	5	6	3	4
27......	25	40	..	448	6	159	635	366	269	23	2	2	5	24	1	1 35	....	2	2	21	1,411	13 x14 x10	.	24	1	24	1	7	4	4
28......	10	11	..	208	32	73	331	203	128	9	1	1	1	9	1	1.59	....	1	2	7	1,173	13 x15 x10	..	10	....	10	. . .	4	...	1
Total	2,451	4,436	57	50,321	5,803	18,664	74,118	44,954	29,164	2,370	81	627	736	2,426	25		39	124	491	1796			36	2371	80	2344	107	204	105	144

TABLE NO. 16. — *Continued.*

SHOWING NUMBER OF FAMILIES IN TENEMENT HOUSES BY WARDS.

WARDS.	Tenement Premises.	5 Families and Over.	10 Families and Over.	15 Families and Over.	20 Families and Over.	25 Families and Over.	30 Families and Over.	35 Families and Over.	40 Families and Over.	50 Families and Over.	100 Families and Over.
1	68	49	13	3	3	......	......	......	......	......	......
2	47	26	14	2	2	1	......	......	1	1	......
3	67	50	14	2	1	......	......	......	......	......	......
4	260	168	58	23	3	3	3	1	......	......	1
5	184	156	25	2	......	1	......	......	......	......	......
6	179	151	22	6	......	......	......	......	......	......	......
7	141	123	13	5	......	......	......	......	......	......	......
8	39	35	4	......	......	......	......	......	......	......	......
9	75	63	12	......	......	......	......	......	......	......	......
10	255	209	27	13	5	......	......	1	......	......	......
11	20	19	1	......	......	......	......	......	......	......	......
12	237	220	14	2	1	......	......	......	......	......	......
13	21	19	1	1	......	......	......	......	......	......	......
14	61	46	13	2	......	......	......	......	......	......	......
15	191	128	42	14	4	2	......	1	......	......	......
16	179	166	12	1	......	......	......	......	......	......	......
17	62	39	10	7	......	2	3	......	......	1	......
18	77	71	5	1	......	......	......	......	......	......	......
19	44	35	8	......	......	......	1	......	......	......	......
20	12	10	2	......	......	......	......	......	......	......	......
21	31	22	7	2	......	......	......	......	......	......	......
22	15	10	4	......	......	1	......	......	......	......	......
23	38	36	2	......	......	......	......	......	......	......	......
24	34	27	5	1	1	......	......	......	......	......	......
25	50	45	3	1	1	......	......	......	......	......	......
26	33	25	6	1	1	......	......	......	......	......	......
27	25	21	2	2	......	......	......	......	......	......	......
28	10	8	1	1	......	......	......	......	......	......	......
Total	2,455	1,977	340	92	22	10	7	3	1	2	1

TABLE NO. 17.

SHOWING WORK DONE BY MEAT INSPECTORS, AMOUNT OF MEAT RECEIVED, SLAUGHTERED AND CONDEMNED, ETC.

MONTHS.	RECEIVED.				SLAUGHTERED.				Number of Pounds Meat Condemned.
	Cattle.	Calves.	Sheep.	Hogs.	Cattle.	Calves.	Sheep.	Hogs.	
April	8,857	734	6,270	25,908	6,552	734	3,987	5,063	13,531
May	7,798	1,540	3,916	19,864	8,689	1,202	3,503	5,964	7,790
June	12,228	2,106	7,299	30,389	8,134	1,279	3,100	5,799	21,816
July	10,793	1,619	7,519	30,259	8,140	1,170	3,084	6,238	24,978
August	8,889	1,251	5,216	23,969	8,160	1,331	2,070	6,050	27,066
September	11,489	3,047	8,426	33,256	8,759	1,171	4,180	11,728	23,640
October*	......	......	......	......	......	......	......	......	20,155
November	......	......	......	......	......	......	......	......	27,500
December	......	......	......	......	......	......	......	......	12,605
January	......	......	......	......	......	......	......	......	5,075
February	......	......	......	......	......	......	......	......	6,195
March	......	......	......	......	......	......	......	......	300
Total	60,054	10,297	38,646	163,645	48,434	6,887	19,924	40,842	190,651

* After October 1st, 1896, the Meat Inspectors were detailed to examine the meat at the various city institutions.

SLAUGHTER HOUSES IN OPERATION.

In the District south of Arsenal street	11
In the District between Arsenal street and Market street	32
In the District between Market street and Cass and Easton avenues	2
In the District North of Cass and Easton avenues	71

TABLE NO. 18.

SHOWING NUMBER, STATUS AND CONDITION OF DAIRIES BY WARDS.

WARDS.	No. of Dairies.	No. of Cows.	No. of Horses.	No. of Dairies where Hogs are Kept.	Kind of Water Used.			Sewer Connected.		What is done with Drainage.					
					City.	Well.	Cistern.	Yes.	No.	Into Sewer.	On Priv. Prop'ty.	On Pub. Prop'ty.	Into Creek.	Hauled Away.	Solid Hauled Away.
5	5	111	8	....	5	3	1	5	....	2	....	....	....	3	....
6	10	30	....	....	6	5	7	10	....	6	....	....	....	2	2
7	22	366	37	....	20	15	6	22	....	22	....	....	....	....	....
8	77	2,086	286	35	36	65	47	21	56	5	2	....	38	31	1
9	23	420	39	....	19	9	10	23	...	23	....	....	...	...	....
11	98	2,424	244	1	76	45	62	76	22	61	....	....	....	37	....
12	3	7	2	....	2	1	3	3	....	3	...	....	....	....	....
13	23	200	23	3	3	12	15	3	20	3	....	....	...	20	....
16	1	53	5	....	1	1	1	1	....	1	....	....	....	....	....
18	23	191	22	....	13	16	19	21	2	16	....	....	....	6	....
19	2	4	9	....	2	....	1	1	1	1	...	1	....	....	....
21	3	112	14	....	2	3	....	3	....	3	....	....	....	....	....
23	18	390	43	....	13	9	10	18	...	18	....	....	....	....	....
25	10	176	16	....	8	4	4	9	1	4	....	....	...	6	....
26	37	992	137	18	15	31	25	9	28	...	...	....	8	29	....
27	53	851	114	9	21	33	32	16	37	3	6	....	2	42	....
28	15	246	26	2	7	7	11	8	7	4	...	....	....	11	....
Total	423	8,659	1,025	68	249	259	254	249	174	175	8	1	48	187	3

No Dairies in the following Wards: 1, 2, 3, 4, 10, 14, 15, 17, 20, 22, 24.

TABLE NO. 19.

SHOWING NUMBER OF NUISANCES FOUND BY SANITARY OFFICERS.

1896-1897. MONTHS.	Full, Filthy and Defective Privies.	Filthy Yards.	Filthy Lots.	Filthy Stables	Filthy Dairies	Premises in City Keeping Hogs.	Full and Filthy Piles, and Boxes of Manure.	Filthy Slaughter-Houses and Butcher Shops.	Filthy Cisterns	Filthy Wells.	Damp and Filthy Cellars	Pond.	Broken and Defective Eave Troughs and Down Spouts.	Defective Drains and Sewers.	Filthy Plumbing.	Filthy Premises.	Filthy Hide Houses.	Filthy Lodging Houses.	Filthy Private Alleys.	Number of Dairies without Legal Catch-Basins.	Filthy Tenement Houses.	Total.
April	1,280	1,311	14	13	1	4	82	....	9	3	134	19	9	201	52	50	....	...	86	....	....	3,268
May	862	459	12	7	8	3	151	....	12	3	138	13	6	132	31	30	....	...	58	....	....	1,925
June	803	446	17	..	9	3	103	....	15	2	147	57	15	146	60	81	....	....	30	....	...	1,934
July	572	481	8	..	3	1	89	....	7	..	177	31	14	94	38	70	...	..	28	....	...	1,611
August	378	252	7	..	..	.....	43	....	4	1	33	47	12	247	51	61	1	....	41	15	1	1,194
September	540	311	8	5	..	......	78	....	7	8	44	25	3	78	32	58	...	....	23	7	...	1,227
October	662	300	11	3	.	2	69	....	18	3	48	5	5	126	46	87	....	....	20	16	....	1,421
November	702	345	6	5	6	1	28	.... ..	4	3	46	3	11	112	34	55	...	....	17	3	....	1,381
December	283	129	6	1	18	4	12	....	6	1	16	5	2	43	28	19	....	....	18	13	....	604
January	371	83	5	..	7	1	9	....	4	..	64	4	....	5	28	41	...	....	14	....	....	636
February	367	210	....	..	..	......	11	....	5	1	50	1	1	38	33	20	....	...	3	....	3	743
March	348	299	8	..	..	2	38	....	1	1	60	1	2	36	3	3	.	....	2	....	....	804
Total	7,168	4,626	102	34	52	21	711	....	92	26	957	211	80	1 258	436	575	1	....	340	54	4	16,748

TABLE NO. 20.

MISCELLANEOUS MATTER.

1896-1897. MONTHS.	Cases Brought Before the Board of Health.	Police Court.	Premises with Defective Plumbing for which Reconstruction Orders were Issued.	Premises for which Sewer Orders were Issued.	Permits Issued to Vault Cleaners.	Premises for which City Water was Recommended.	Complaints Received and Investigated.	No. of Notices Issued for Full, Filthy and Defective Privies.	No. of Notices Issued for Other Nuisances.	Notices to Parties Having no Proper Garbage Receptacles	Dairies Examined as to Condition of Water Supply, Etc.	No. of Notices Issued for Weeds.	No. of Notices Sent to St. Dep't for Filthy Sts. and Alleys.	No. of Notices Sent to Police Dep't for Filthy Sts. and Alleys.	No. of Notices Sent to Sewer Dep't for Filthy, Defectiev & Obstructed Sewers.	No. of Notices Sent to Water Dep't. for Leaking Pipes, Etc.	No. of Reports Sent to Supervisor of Plumbing.	Fines Imposed for Maintaining Nuisances.
April	317	30	2	34	.. .	4	276	1,500	1,627	57	......	....	63	43	9	22	5	$30 00
May	219	37	7	19	187	......	288	1,065	1,543	327	......	26	95	69	16	7	3	470 00
June	249	49	2	36	269	......	369	957	1,779	236	......	412	100	85	12	11	1	270 00
July	237	65	4	6	259	1	505	657	1,067	118	1	1,729	98	63	10	9	7	910 00
August	194	135	2	17	140	......	283	416	4,417	3,322	1	608	76	56	6	12	6	240 00
September	186	85	12	5	150	......	151	620	1,128	5	......	403	48	24	15	6	9	310 00
October	172	15	29	25	79	.....	129	657	854	3	.....	......	46	29	8	5	19	10 00
November	42	37	....	61	......	......	85	853	787	1	5	....	17	22	15	4	4	125 00
December	135	17	7	21	......	......	97	320	337	4	396	....	6	9	3	2	4	355 00
January	40	13	6	2	......	2	91	413	342	3	18	.....	2	4	... .	1	4	145 00
February	37	1	6	......	......	......	94	420	376	......	.....	.....	9	5	1	4	5	50 00
March	3	2	....	......	.....	....	195	469	604	......	2	......	11	17	6	3	......	100 00
Total	1,831	486	77	226	1,084	7	2,563	8,347	14,861	4,076	423	3,178	571	426	101	86	67	$3,015 00

Total number of tenement houses examined.. 4,436

TABLE NO. 20. — *Continued.*

SHOWING NUMBER OF COMPLAINTS MADE FOR NON-COLLECTION OF GARBAGE.

	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.	January.	February.	March.	Total.
Reported by Sanitary Officers	25	38	54	95	37	39	21	15	15	12	8	7	366
Reported by Citizens	27	71	105	192	69	80	19	23	17	12	16	15	646

TABLE NO. 21.

SHOWING NUMBER OF ALLEYS EXAMINED IN THE MONTH OF FEBRUARY, 1897.

WARDS.	No. of Alleys Examined.	Manure Boxes.	Manure Piles.	Ash Boxes.	Ash Piles.
1	62	6	9	44	32
2	87	5	1	40	36
3	45	4	6	3	15
4	37	14	5	2	8
5	80	16	1	10	30
7	74	20	4	7	18
10	51	44	4	5	17
14	46	10	9	....	18
15	33	3	4	4	5
17	41	8	4	13	7
19	71	12	11	11	86
25	67	8	1	....	6
Total	694	150	59	139	278

The Alleys in the 6th, 8th, 9th, 11th, 12th, 13th, 16th, 18th, 20th, 21st, 22nd, 23d, 24th, 26th, 27th, 28th Wards were not examined.

TABLE NO. 22.

SUMMARY OF APPROPRIATION.

Salaries of Sanitary Officers, Inspectors and Fumigators.	$38,650 00	
Labor Ordinance No. 18526 (cyclone fund)	1,900 00	
Office expenses, printing and stationery	6,800 00	
Disinfectants	4,500 00	
Rent of rooms	1,080 00	
Total		$52,930 00

SUMMARY OF EXPENSES.

Salaries of Sanitary Officers, Inspectors and Fumigators.	$38,584 89	
Labor Ordinance No. 18526 (cyclone fund)	1,880 00	
Office expenses, printing and stationery	6,783 76	
Disinfectants	4,135 26	
Rent of rooms	1,080 00	
Total		$52,463 91

SUMMARY OF UNEXPENDED BALANCE.

Salaries of Sanitary Officers, Inspectors and Fumigators.	$ 65 11	
Labor ordinance No. 18526 (cyclone fund)	20 00	
Office expenses, printing and stationery	16 24	
Disinfectants	364 74	
Rent of rooms		
Total		$466 09

TABLE NO. 23.

SHOWING THE EXPENDITURES FOR THE YEAR: SALARIES OF SANITARY OFFICERS, INSPECTORS, AND FUMIGATORS.

Amount appropriated for salaries of sanitary officers, inspectors and fumigators for the present fiscal year	$35,000 00
Additional appropriations	3,650 00
Total	$38,650 00

1896–97. Months	Clerk and Sanitary Officers.	Inspectors.	Fumigators.	Totals.
April	$2,285 00	$519 87	$750 00	$3,554 87
May	2,221 77	559 34	675 00	3,456 11
June	2,137 50	540 00	685 00	3,362 50
July	2,011 29	660 00	687 10	3,358 39
August	1,825 00	540 00	314 52	2,679 52
September	1,752 42	540 00	400 00	2,692 42
October	1,774 19	540 00	450 00	2,764 19
November	1,825 00	514 00	515 00	2,854 00
December	1,844 35	454 84	720 96	3,020 15
January	1,912 10	1,101 29	887 99	3,901 29
February	1,899 76	1.381 53	899 88	4,181 17
March	762 85	1,707 15	290 28	2,760 28
	$22,251 23	$9,058 02	$7,275 64	....

Total amount expended	$38,584 89
Unexpended balance	$65 11

PRINTING, STATIONERY, KEEPING HORSES, ETC.

Amount appropriated		$8,000 00
Amount transferred by ordinance		1,200 00
Balance		6,800 00
Boarding horses	$1,811 99	
Printing and stationery	1,379 16	
Car tickets	1,173 00	
Postal cards and stamps	437 00	
Office expenses	243 16	
Horseshoeing	246 40	
Repairs to harness and vehicles	825 80	
Hiring horses and vehicles	649 00	
Veterinary surgeon	18 25	
Total amount expended		6,783 76
Unexpended balance		$16 24

DISINFECTANTS.

Amount appropriated	$4,000 00
Additional appropriated	50 00
Total	$4,500 00

Alcohol	460^{45} gal.	$1,062 84	
Crude carbolic acid	1712 "	439 02	
Chloride of lime	10000 lbs.	418 13	
Sulphuric acid	4274 "	49 57	
Flour of sulphur	52707 "	940 19	
Sanitas fluid	249 gal.	334 60	
Sanitas powder	3933 lbs.	1,695 51	
Sanitas oil, turpentine, and spirits ammonia	16 gal.	62 35	
Copperas	49704 lbs.	245 93	
Tin plates	50 gross.	182 50	
Common lime	100 bu.	28 00	
Tools, etc., etc		202 62	
Total amount expended			$4,135 26
Unexpended balance			$364 74

RENT OF ROOMS.

Amount appropriated	$1,080 00
" expended	1,080 00
Unexpended balance	$0,000 00

SPECIAL APPROPRIATION BY ORDINANCE NO. 18526 — INSPECTORS FOR CYCLONE DISTRICT.

Amount appropriated		$1,900 00
July	$194 00	
August	208 00	
September	208 00	
October	216 00	
November	182 00	
December	156 00	
January	226 00	
February	184 00	
March	306 00	
Total amount expended		1,880 00
Unexpended balance		$20 00

TABLE NO. 24.

DISINFECTANTS PURCHASED, USED, REMAINING ON HAND, ETC., FOR THE YEAR.

	Alcohol.	Crude Carbolic Acid.	Chloride of Lime.	Sulphuric Acid.	Flour of Sulphur.
On hand April 1st, 1896	4. gal.	7 gal.	280 lbs.	327 lbs.	5,500 lbs.
Amt. purchased during fiscal yr.	460.45 "	1,712 "	10,000 "	4,274 "	52,798 "
Total	464.45 "	1,719 "	10,280 "	4,601 "	58,298 "
On hand April 1st, 1897	30. "	225 "	1.600 "	965 "	5,100 "
Amount used during fiscal year.	434.45 "	1,494 "	8,680 "	3,636 "	53,198 "

TABLE NO. 24. — *Continued.*

	Sanitas Fluid.	Sanitas Powder.	Sanitas Oil Turp'tine Spirits Ammonia.	Copperas.	Tin Plates.
On hand April 1st, 1896	221 gal.	85 lbs.	2 gal.	600 lbs.	5 gross.
Amt. purchased during fiscal yr.	249 "	3,933 "	16 "	49,704 "	50 "
Total	470 "	4,018 "	18 "	50,304 "	55 "
On hand April 1st, 1897	287 "	1,120 "	4 "	6,650 "	24 "
Amount used during fiscal year.	183 "	2,898 "	14 "	43,654 "	31 "

TABLE NO. 25.

SHOWING LOCATION OF DAIRIES IN WARDS.

LOCATION.	OWNER.	No. Cows.	Water on Premises.	Cow Lot.
	FIFTH WARD.			
1621 S. 2d st	L. Roedecker	27	City	No
1517 S. 8th st	Lambert Abeln	18	City	No
1849 S. 14th st. (rear)	N. Sanders	10	Well, city	No
1811 S. 13th st	Mrs. G. Knoll	11	City, well, cistern	Yes
1849 S. 14th st	Barney Dierkes	45	City, well	No
	SIXTH WARD.			
1130 Angelica st	Catherine Welp	2	City	No
1429 Buchanan st	P. Huehnerhoff	2	Well, cistern	No
3507 N. 9th st	Henry Sanders	9	Well, cistern	No
4043 N. 9th st	L. Bierkenkamp	3	City, well, cistern	No
1117–17A Palm st	P. O'Connor	2	City	No
1418 Salisbury st	F. Haverkamp	3	City, well	No
4036 N. 2d st	F. Moran	3	City, cistern	No
3118 N. 12th st	T. Sullivan	2	City, cistern	No
3333 Blair av. (rear)	C. Meyer	2	Well, cistern	Yes
3023 N. 11th st	J. Quinlin	2	Cistern	Yes
	SEVENTH WARD.			
819 Allen av	Jno. Herman	10	City, well	Yes
2237 Bismark st	F. Wenzel	4	City, well	No
2106 DeKalb st	P. Schaffer	7	City	No
2419 DeKalb st	Jos. Sutter	38	City, well	Yes
2420 DeKalb st	Hy. Sandker	27	City, cistern	Yes
2449 DeKalb st	Theo. Geders	45	City	Yes
1878 S. 11th st	J. H. Sand	7	Well, cistern	No
2218 S. 11th st	W. Kleinermoorkampf	30	City, spring	No
1010 Geyer av	Bernard Dierkes	5	City, well	No
1030 Geyer av	Geo. Korte	8	City, well, cistern	No
1040 Geyer av	Herman Henrichs	6	City, well, cistern	No
2013 Kosciusko st	Hy. Geers	30	City, well	No
2337 Menard st	F. Brandt	9	City, well, cistern	No
2347 Menard st	Hy. Olliges	13	City, well	No
2417 Menard st	Wm. Hanneken	9	City, well	Yes
2425 Menard st	Bernardt Rolfes	8	City, well	Yes
2303 S. 2d st	Jno. Furrer	36	City	No
2411 S. 2d st	Jos. Bockskopf	25	City, well	No
2450 S. 2d st	Theo. Geders	9	City	No
2113 S. 7th st	Herman Held	14	City, well	No
2217 S. 7th st. (rear)	B. Bueters	6	Well, cistern	No
2439 S. 3d st	Conrad Balz	20	City	No
	EIGHTH WARD.			
814 Adelaide av	Geo. Herbert	20	Well, cistern	Yes
4445 Anderson av	J. Shade & F. Albers	34	City, well, cistern	Yes
4120 Ashland av	Wm. Schulte	42	Well, cistern	Yes
4182 Ashland av	J. H. Ehlers	19	Well, cistern	Yes
4248 Ashland av	Hy. Stickling	6	Well	Yes
6206 Benedict st	C. Mehrhoff	60	Spring	Yes
2313 Bircher st	Jacob Stronk	17	City	Yes
2345 Bircher st	Herman Weunthoff	40	City, well, cistern	Yes
2423 Bircher st	B. Theismann	28	Well, cistern	Yes
6334 N. Broadway	Fred. Behring	48	City, well, cistern	Yes
6600 N. Broadway	C. Ochs	20	Well	Yes
7210 N. Broadway	Aug. Harmelling	11	Well, cistern	Yes
8357 N. Broadway	Claus Grimm	3	Well	Yes
6305 Bulwer av	Jno. Fischer	32	Well	Yes
4558 Carter av	V. Dieckhaus	12	City, well, cistern	Yes

Location.	Owner.	No. Cows.	Water on Premises.	Cow Lot.
4564 Carter av	J. H. Schulte	31	Well	Yes
N. W. cor. Carter & Fair	G. Klinger	45	Well, cistern	Yes
637 Carrie av	Theo. Harmeling	28	Well, cistern	Yes
3131 Clay av	Chas. Storbeck	52	Well, cistern	Yes
1913 College av	Amelia Wiese	4	City, cistern	Yes
1923 College av	Peter Kampman	4	City, cistern	Yes
4118 Fair av	Tom. Carter	10	City	Yes
51 Ferry st	Fred. Weisenberger	3	City	Yes
6331 Florissant av	Hy. Steinlage	70	City	Yes
4417 Florissant av	Fred. Burri	38	Well, cistern	Yes
6631 Florissant av	Mrs. Steinlage	45	City	Yes
6729 Florissant av	B. Kruempler	30	Well	Yes
6749 Florissant av	Jno. Gerhart	35	City, well, cistern	Yes
7043 Florissant av	Hy. Kenkel	34	Well, cistern	Yes
2107 Gano av	Mary Lammert	18	City, cistern	Yes
4032 Goodfellow av	Chas. Staats	32	City, water hauled	Yes
408 John av	Jos. Ulmer	2	City	No
4131 Lexington av	Isaac Home	1	Well	Yes
2307 E. Marcus av	Geo. Weber	42	City, well, cistern	Yes
2336 E. Marcus av	C. Weitekemper	25	Well	Yes
2404 E. Marcus av	Anton Meyer	50	City, well, cistern	Yes
2414 E. Marcus av	Anton Weis	40	Well, cistern	Yes
205 May st	Jos. Winkelman	37	Well	Yes
4627 McKissock av	Aug. Rathert	4	City, well	No
4633 McKissock av	Hy. Grato	1	City, well, cistern	No
5022 McKissock av	F. Ries	38	Well	Yes
614 Morin av	Chas. Mueller	24	City, well	Yes
640 Morin av	G. Falkenberg	26	City, well, cistern	Yes
3738 Nat. Bridge rd	Hy. Brandes	26	Well, cistern	Yes
3930 Nat. Bridge rd.	Louise Helwig	28	Well, cistern	Yes
4132A Nat. Bridge rd	Fred. Albers	40	City, well, cistern	Yes
4223 Nat. Bridge rd	Ernst Kleen	45	Well, cistern	Yes
4226 Nat. Bridge rd	Chas. Bruns	30	Well, cistern	Yes
4622 Nat. Bridge rd.	Jno. Borchers	20	Well, cistern	Yes
5055 Nat. Bridge rd	Jos. Langeland	35	Well, cistern	Yes
5469 Nat. Bridge rd	Herman Koch	63	Well, cistern	Yes
6314 Newstead av	Hy. Bergjams	40	City, well, cistern	Yes
6310 Newstead av	Ernst Schwarz	10	City, well	Yes
6312 Newstead av	Geo. Berglans	41	City, well, cistern	Yes
6328 Newstead av	E. Ahlers	32	City, well	Yes
6376 Newstead av	Herman Schulte	35	Well, cistern	Yes
6378 Newstead av	Elizabeth Rodemann	39	City, well, cistern	Yes
6380 Newstead av	Brinkmann Bros	45	City, well, cistern	Yes
4317 Oak st	Catherine Kelly	2	City	Yes
6317 Ouida av	Hy. Oswinkel	40	City, well	Yes
6332 Ouida av	Fred. Wolters	27	City, well	Yes
6339 Ouida av	Wm. Klasing	35	City, well, cistern	Yes
6350 Ouida av	Louise Behring	33	City, well, cistern	Yes
2101 E. Prairie av	Jos. Hoeckenkamp	3	Cistern	No
6218 Prescott av	Barney Bonnarens	30	City, well, cistern	Yes
6617 Rosalie st	Hy. Busselman	10	Well, cistern	Yes
5623 Rosalie st	E. C. Grote	40	Well, cistern	Yes
4617 N. 2nd st	Jno. A. Dryer	2	Well	Yes
5204 N. 2nd st	Val. Mueller	24	Well, cistern	Yes
2221 Snead av	Chas. Speader	20	Well, cistern	Yes
6327 Taylor av	H. Bruggehagen	25	Well	Yes
6415 Taylor av	Wm. Hei	28	Well, cistern	Yes
Taylor & Anderson av	Louis Meyer	40	Well, cistern	Yes
316 Talcott av	Wm. Eisele	31	Well, cistern	Yes
N. Side Carrie av near Bulwer av	Herman Lotte	7	Well	Yes
1909 E. Warne av	Frank Holtkamp	3	City, cistern	Yes
2010 E. Warne av	Frank Meyer	1	City	Yes

NINTH WARD.

LOCATION.	OWNER.	No. Cows.	Water on Premises.	Cow Lot.
1331 Arsenal st	Andres Gerber	12	City, well, cistern	No
2518 Bismark st	Matthew Kasten	22	City, well	Yes
2711 S. Broadway	S. Maunster	23	City, well, cistern	No
314 Dorcas st	Alex. Feger	6	City, cistern	No
2927 S. 18th st	Oswald Jacob	3	City, well, cistern	Yes
2921 Indiana av	J. H. Greers	23	City	No
3418 Indiana av	Berlinger Bros	26	City	Yes
3432 Illinois av	Wm. Spoeri	4	City, cistern	No
3415 Lemp av	Geo. Boeninghausen	20	City	No
2929 Missouri av	Wm. Ahellm	40	City	Yes
3235 Missouri av	Frank Kappen	20	City, well, cistern	Yes
3239 Missouri av	Mathias Bechtold	13	City, cistern	No,
N. W. Cor. Potomac st. and Illinois av	Jacob Schnuringer	52	City	Yes
157 St. George st	Gustav Holzborn	35	City	Yes
172 St. George st	Aug. Zink	11	City, well, cistern	No
202 Sidney st	Tobias Burk	4	City	No
2829 Salena st	Anna Ester	10	Well, cistern	No
2851 S. 7th st	Aug. S. Henry	20	City, well, cistern	No
3101 S. 7th st	Fred Haldeman	12	City	No
2818 S. 12th st	Anna Galle	9	Cistern	No
2514 S. 3d st	Banard Held	25	City, well	Yes
2614 S. 3d st	Jos. Bippen	20	City	No
2216 Victor st	Frank Hediger	10	City, well	No

ELEVENTH WARD.

3523 Arkansas av	Fred Herboth	20	Well, cistern	Yes
3534 Arkansas av	Peter Wotli	18	Well, cistern	Yes
2818 Chippewa st	Hy. Wortman	24	City, well, cistern	Yes
2846 Chippewa st	Wm. Robben	16	City, well, cistern	Yes
2915 Chippewa st	Caroline Breer	35	City, well, cistern	Yes
2906 California av	Hy. Mueller	19	City, cistern	No
2918 California av	Benard Pleis	34	City, well	Yes
2924 California av	Wm. Knubb	18	City, well	No
3959 California av	Aug. Heidemann	35	City	Yes
3005 S. Compton av	Anton Zurfluh	30	City, cistern	Yes
3720 S. Compton av	Jno. A. Good	46	City	Yes
3744 S. Compton av	Chas. A. Good	36	City	Yes
4142 S. Compton av	Fritz Liebker	3	Cistern	Yes
3312 Cherokee st	Frank A. Good, Jr	47	City, well, cistern	Yes
3300 DeKalb st	Herman Burk	15	City, well	No
3440 DeKalb st	Hy. Haneklan	26	City, cistern	No
3446 DeKalb st	Mathias Nordman	23	City, cistern	No
N. W. Cor. Grand & Blow	Patrick McCabe	28	Cistern	Yes
3668 Gravois av	Anton Regli	25	City, well, cistern	Yes
6255 Gravois av	Jos. Hermann	22	Cistern	Yes
3242 Gravois av	Jos. Beeler	32	Well	Yes
3274 Gravois av	W. Houser & Shuler	125	City, well, cistern	Yes
2834 Iowa av	Bernard Schefe	22	City, cistern	Yes
2844 Iowa av	F. Sommerhalder	30	City, well	Yes
3137 Iowa av	Herman Schulte	35	City	No
3720 Iowa av	Louis T. Watle	13	City, cistern	Yes
3907 Illinois av	Aug. Hornschemeyer	21	City, cistern	Yes
3919 Illinois av	Martin Kamer	52	City	Yes
2914 Juniata st	C. Schneider	2	City, cistern	No
3301 Kosciusko st	H. Klosterman	20	City, well, cistern	No
3435 Kosciusko st	Wm. Nordeman	14	City, cistern	Yes
3439 Kosciusko st	Chris. Rethemeyer	20	City, cistern	No
3718 Kosciusko st	Aug. Wingermuehle	17	City, cistern	Yes
3722 Kosciusko st	Fred Demko	5	City, cistern	No
2746 Keokuk st	Adolph Gshwind	23	City	Yes
2834 Keokuk st	Lucas Knese	41	City, well, cistern	No

Location.	Owner.	No. Cows.	Water on Premises.	Cow Lot.
2838 Keokuk st	N. Summerhalder	19	City, well, cistern	No
2844 Keokuk st	Benard Breer	19	City, well, cistern	No
2854 Keokuk st	Geo. Korte	45	City, cistern	Yes
3666 Louis st	Adam Krammer	35	Spring	Yes
2636 Lynch st	Hy. Uhlen	31	City, cistern	No
2755 Magnolia av	Barney Scheer	50	City, well	Yes
3103 Magnolia av	Frank Robben	35	City	Yes
3227 Minnesota av	Wm. Hoenneke	30	City, cistern	Yes
3334 Minnesota av	J. Wurzinger	5	Well, cistern	No
4014 Minnesota av	C. Abkemeier	29	City, well	Yes
4040 Minnesota av	Jno. Jud	21	Well, cistern	Yes
4042 Minnesota av	Wm. Driemeyer	30	City, well, cistern	Yes
3241 Michigan av	Herman Raters	19	City, well, cistern	No
3404 Miami st	Geo. Wotli	36	City, well	Yes
3457 Miami st	Jos. Furrer	48	City, well, cistern	Yes
4120 Missouri av	Fred Ahrens	31	Well, cistern	Yes
3909 Marine av	Benard Albers	23	City, cistern	Yes
3911 Marine av	Geo. Bartels	30	City, cistern	Yes
2838 Nebraska av	Jno. Lampen	42	City, cistern	Yes
2918 Nebraska av	Herman Hackman	36	City, cistern	Yes
3738 Nebraska av	Herman Rollmann	20	Well, cistern	Yes
3849 Nebraska av	Anton Waeger	18	City, well	Yes
2911 Osage st	Wm. Breeher	23	City, well	Yes
2851 Osiola st	Hy. Wessels	4	City	Yes
2808 Ohio av	Hy. Wolkens	35	City, well, cistern	No
2849 Ohio av	Geo. Wolkens	40	City, well, cistern	Yes
3153 Ohio av	Chas. Enger	40	City, cistern	Yes
3333 Ohio av	Barney Frank	17	City, cistern	No
2822 Oregon av	Jos. Rumping	25	City, well, cistern	No
2829 Oregon av	Geo. Enger, Jr	30	City	Yes
2922 Oregon av	Aug. Knobbe	39	City, cistern	Yes
3100A Oregon av	Jos. Good	40	City	No
2823 Pestalozzi st	Jos. Rikli	24	City, well	Yes.
2825 Pestalozzi st	K. Betchard	27	City	Yes
2836 Pestalozzi st	J. B. Mueller	26	City, well, cistern	Yes
3020 Pestalozzi st	J. K. Krull	33	City, well, cistern	Yes
2832 Pennsylvania av	Hy. Boll	15	City, cistern	No
3111 Pennsylvania av	Hy. Imken	33	City	Yes
3119A Pennsylvania av	Wm. Schlueter	11	City, cistern	No
3331 Pennsylvania av	R. Albert	7	City	Yes
4015 Pennsylvania av	J. H. Heitman	23	Well.	Yes
4050 Pennsylvania av	Jos. Betschart	31	Well	No
S. side Robert av. bet. Eugene & Field	Jos. Kemper	8	Cistern	Yes
Cor. Field & Robert	Hy. Behrens	14	Cistern	Yes
2510 Texas av	Otto Klein	2	City, cistern	No
2810 Texas av	Martin Inglin	11	City, cistern	No
2901 Texas av	R. Bitters	17	City	No
2927 Texas av	M. Gerber	4	City, cistern	No
3666 Upton st	C. Knackstadt	16	Well, cistern	Yes
3447 Winnebago st	Geo. Fisher, Jr	23	City, well	Yes
3457 Winnebago st	Louis Prutsch	14	City, well, cistern	Yes
3653 Tesson st	Wm. Hoppe	14	Well	Yes
3445 Michigan av	Ernst Donker	7	Well, cistern	Yes
3203 Cherokee st	Andrew Deppe	22	City, well, cistern	Yes
3244 Gravois av	Dan'l Richart	16	Spring	Yes
S. W. cor. Pestalozzi and Pennsylvania av	Hy. Vorholt	30	City	No
3668 Gravois av	Robt. Zeis	14	City, well, cistern	Yes
2816 Oregon av	Bernard Goedeker	25	City	Yes
3682 Primm st	Peter Canaries	4	Cistern	Yes
S. E. cor. Rbt. & Field av.	Frank Kemper	3	Cistern, spring	Yes
3738 Kosciusko st	Fred Weitrig	8	Cistern	No
3728 Kosciusko st	Aug. Steinbauer	5	City, cistern	Yes

Location.	Owner.	No. Cows.	Water on Premises.	Cow Lot.
TWELFTH WARD.				
1536 Benton st	Catherine Zank	4	Well, cistern	No
1424 Hebert st	Anna Dickneite	1	City, cistern	Yes
1923 Wright st	Conrad Ernst	2	City, cistern	Yes
THIRTEENTH WARD.				
310 E. Espenschied st	Wm. Rils	2	Cistern	No
6708 S. 8th st	Wm. Kennedy	4	Cistern	Yes
7174 S. 8th st	Wolfgang Lang	4	Cistern	Yes
813 Haven st	A. Provest	2	Cistern	Yes
700 Kansas st	Louis Young	5	Well, cistern	Yes
6101 Michigan av	Wm. Grohmann	3	Well, cistern	Yes
7120 Michigan av	Kate Saddler	2	City, cistern	Yes
6712 Minnesota av	Thos. Barrett	6	City, cistern	Yes
516 Marceau st	Al. DeForest	8	Well, cistern	Yes
7118 S. 9th st	Jos. Brown	5	Well	Yes
7140 S. 9th st	P. VonHotegen	4	Well, cistern	Yes
4651 Pennsylvania av	Hy. Beller	20	City, cistern	Yes
7104 Pennsylvania av	Jno. Fitzpatrick	6	Well	Yes
7507 Pennsylvania av	Wm. Feldmann	7	Well, cistern	Yes
7134 S. 6th st	Hy. Budde	4	Well	Yes
6112 S. 7th st	Anna Swanston	4	Cistern	Yes
6207 S. 7th st	Sam Newell	5	Well	Yes
7431 S. 10th st	Fred Heindricks	18	Well, cistern	Yes
7455 Virginia av	Hy. Beckerle	52	Spring	Yes
2715 Wyandotte st	Rob't Freise	18	City, cistern	Yes
8423 Water st	R. Bannecker	3	Well, cistern	Yes
N. W. Cor. 7th & Bates	L. Maury	14	Well	Yes
8302 Van Buren st	Emma J. Pierce	4	Cistern	Yes
6600 S. 9th st	Jno. Looby	3	Cistern	Yes
SIXTEENTH WARD.				
1615 Chambers st	Hy. Bodeker	53	City, well, cistern	Yes
EIGHTEENTH WARD.				
2827 Bacon st	Jno. Voorath	3	Cistern	Yes
4236 Blair av	W. Bierman	2	City, well, cistern	Yes
4254 Blair av	Jno. Siebert	8	City, cistern	Yes
2587 Farrell st	Phillip Peters	2	City	No
4145 Grove st	Chas. Bierman	1	Cistern	No
4155 Grove st	Jos. Toegel	2	Cistern, well	Yes
3101 Glasgow av	Fred. Mintert	36	City, well, cistern	Yes
3601 Glasgow av	Frank Mintert	28	City, well, cistern	Yes
2533 Hebert st	Herman Kettman	33	City, well, cistern	Yes
3245 Knapp st	Clemens Hartman	3	City	Yes
3261 Knapp st	Anna Steffens	2	Well, cistern	No
1919 Maliinckrodt st	Casper Krava	1	City, well, cistern	No
2015 Mallinckrodt st	Hy. Beckman	3	Well, cistern	No
1916 Newhaus av	Catherine Schultz	9	City, well, cistern	Yes
2548 Palm st	E. Ahlers	18	Well, cistern	No
2546 Palm st	Dan'l Whalen	2	City, well, cistern	Yes
2576 Palm st	Aug. Hullsick	5	Well, cistern	Yes
3606 Thompson av	Conrad Schliesenger	3	Well, cistern	Yes
3729 N. 20th st	Arnold Strotjost	5	City, well, cistern	No
3608 N. 22d st	Louise Ruhr	2	City, cistern	No
3506 N. 23d st	Jno. Soer	7	City	Yes
3503 N. 25th st	Jno. Knussmann	5	Well, cistern	Yes
3406 N. 2d st	Fred. Eismann	11	Well	Yes
TWENTY-FIRST WARD.				
2730 LaSalle st	Wm. Schulte	32	City, well	Yes
2735 LaSalle st	Jos. Ruhlmann	40	City, well	Yes
2738 LaSalle st	Jno. Wortman	40	Spring	Yes
TWENTY-THIRD WARD.				
1401 Ann av	Geo. Ameln	12	City, cistern	Yes
S. W. Cor. Ann & 18th	Anton Buckhardt	16	City, well, cistern	Yes

Location.	Owner.	No. Cows.	Water on Premises.	Cow Lot.
1820 Ann av	Hy. Fangmeier	34	Spring	Yes
S. W. cor. Ann & Gravois	Jos. Schottel	40	Well, cistern	Yes
S. W. cor. Ann & Mississippi	Geo. Wolken	40	City, well	Yes
2130 Cushing st	Fritz Mahne	4	City, cistern	No
2017 S. 11th st	Tobias Cordes	10	City, well	Yes
2011 S. 18th st	Jos. Waser	17	City	Yes
2101 S. 18th st	M. Nordeberg	21	Well	Yes
2219 S. 18th st	Her. Schmuckelburg	3	City	Yes
1818 Gravois av	Jno. Beelman	32	Well, cistern	Yes
1906 Gravois av	Jos. Robben	24	City	No
1931 Gravois av	B. Wessels	13	City, cistern	Yes
1401 Indiana av	Geo. Baumgarten	35	City, well, cistern	No
2326 McNair av	Peter Reuter	15	City, well	No
1222 Sidney st	W. Hemmen	4	City, cistern	No
2326 Salena st	Spreitzer Bros	30	City, cistern	Yes
2149 Victor st	Valentine Damm	40	City, well	Yes
TWENTY-FIFTH WARD.				
3303 Adams st	Gerhard Kersen	40	City, well, cistern	Yes
2912 Chouteau av	Theo. Fuhler	9	City, well	No
3457 Eads av	Patrick Berney	4	Cistern	Yes
2837 Hickory st	Patrick Fahey	29	Spring	Yes
2919 LaSalle st	Bernard Roewe	23	City, cistern	No
2933 LaSalle st	Theo. Oldenburg	18	City	No
3518 Papin st	Jas. McNulty	13	City	Yes
3418 St. Vincent av	Peter Fitzsimmons	4	City	Yes
3515 Scott av	Jos. Cordes	3	City, cistern	No
TWENTY-SIXTH WARD.				
2751 Belt av	Jno. Powers	30	Well, cistern	Yes
2946 Belt av	Jacob Voegele	17	Well, cistern	Yes
3941 Cote Brilliante av	Fred Hunn	8	City, well, cistern	Yes
5575 Easton av	David F. Cortan	50	Well, cistern	Yes
4637 Evans av	Hy. Staats	47	City, well	Yes
2856 Goodfellow av	J. M. Schattyn	16	Cistern	Yes
4238 Kennerly av	Wm. McCaffrey	6	Well, cistern	Yes
4414 Kennerly av	P. Bagley	15	City, well, cistern	Yes
4950 Loraine av	Wm. Loechmoeller	65	Well, cistern	Yes
4952 Loraine av	Ed. Lochmoeller	48	Well, cistern	Yes
3623 Marcus av (rear)	Geo. Schweitzer	30	City, well	Yes
4351 Maffitt av	Mary Coleman	6	City, well, cistern	Yes
4726 Nat. Bridge rd	Jacob Kleen	38	City, well, cistern	Yes
4748 Nat. Bridge rd	Jno. Dorn	55	Cistern, well	Yes
4816 Nat. Bridge rd	Theo. Repp	22	City, well, cistern	Yes
4838 Nat. Bridge rd	C. Hopmann	30	City, well, cistern	Yes
4854 Nat. Bridge rd	Hy. Varwig	35	Well, cistern	Yes
4858 Nat. Bridge rd	Jno. Bartel	9	Well, cistern	Yes
4866 Nat. Bridge rd	Wm. Bechtel	55	City, well, cistern	Yes
4878 Nat. Bridge rd	Frank Grafmann	64	City, well, cistern	Yes
4892 Nat. Bridge rd	Morris Bechtel	70	City, well	Yes
4950 Nat. Bridge rd	Emily Loehmoeller	20	City, well, cistern	Yes
4954 Nat. Bridge rd	Louis Droste	27	Well, cistern	Yes
4962 Nat. Bridge rd	Herman Kellmann	40	City, well, cistern	Yes
S. W. cor. Nat. Bridge rd. & Union av	Chas. Detert	20	Well	Yes
Nat. Bridge rd. & Six Mile House	Geo. Schulte	60	Well, cistern	Yes
6101 Page av	Mat. Fellenz, Jr	20	Well	Yes
1817 Prairie av	Hy. Grafemann	50	City, well, cistern	Yes
1430 Rowan av	Patrick Flemming	3	Well	Yes
2618 Semple av	Herman Wollbrinck	4	Cistern	Yes
5513 Wells av	Richard Walsh	3	Well	Yes
3016 Lula av	Mrs. Ward	3	City, cistern	Yes
4341 Kennerly av	Richard Haberstroh	25	City, well, cistern	Yes
1974 Clara av	Lawrence Bambrick	5	Well	Yes

LOCATION.	OWNER.	No. Cows.	Water on Premises.	Cow Lot.
1447 Hamilton av	Annie Brennan	3	Well	Yes
4932 Nat. Bridge rd	Chas. Klinger	26	Well, cistern	Yes
4658 Easton av. (rear)	Fritz Danuser	7	City, well	Yes
1946 Arlington av	Frank Lemon	7	Cistern	Yes
TWENTY-SEVENTH WARD.				
2616 Brannon av	Mary A. Bierman	30	Well, cistern	Yes
4237 Bingham av	Geo. Baisch	3	Cistern	Yes
4036 Connecticut st	Sabastian Thnet	2	City	Yes
3841 Chouteau av. (rear)	Her. Niehaus	46	Spring	Yes
3841 Chouteau av	Bado Jud	18	Spring	No
3841 Chouteau (rear)	Jacob Frei	13	Spring	Yes
3841 Chouteau (rear)	Wm. Wildeisen	16	Spring	Yes
3841 Chouteau av	Mathias Steigers	34	Spring	No
3850 Chouteau av	Aug. Winhoff	20	Spring	Yes
N. side Elizabeth av. near January av	Wm. Guelker	9	Well, cistern	Yes
4608 Eager rd	Anton Rion	7	Well, cistern	Yes
6503 Dale av	Hy. Brickenkamp	8	Well, cistern	Yes
2645 Dalton av	L. E. Cunningham	14	Well, cistern	Yes
3861 Duncan av. (rear)	Geo. Switzer	14	City	Yes
3861 Duncan av	Jno. W. Pollman	18	City	Yes
3605 Gravois av	Geo. Fassler	20	City, well	Yes
4335 Hartford st	Aug. Wilkening	3	City	Yes
4248 Juniatta st	M. Schneemann	3	City, cistern	No
Macklind & Bischoff av	B. Leudke	23	Well, cistern	Yes
3703 Morganford rd	Chas. Henn	2	Cistern	Yes
3761 Manchester (rear)	Albert O. Iple	60	Spring	Yes
4434 N. Manchester	Hy. Schleper	24	Well, cistern	Yes
4444 New Manchester	Barny Schleper	20	City, well, cistern	Yes
4319 Norfolk av	Jno. S. Evard	20	City	Yes
5114 O. Manchester rd	Louis Hempen	28	Well, cistern	Yes
5317 Odell av	Hy. Luebke	20	City, well, cistern	Yes
2019 Prather av	Sam Clegg	22	City, cistern	Yes
N. side Park av. one block W. Grand	Mary Wester	4	City	Yes
3703 Park av	Tobias Tobben	24	City, cistern	Yes
Poor House	City	26	City	Yes
1132 Sublette av	Anna E. Schmidt	32	Spring	Yes
1611 Sublette av	Geo. Mathis	28	Well, cistern	Yes
3210 Sublette av	Jos. Mosslander	4	Well, cistern	Yes
3277 Sublette av	B. Sieferd	12	Cistern, well	Yes
3501 S. Spring av	Martin Wohlwend	17	City, well, cistern	Yes
3535 S. Spring av	Jos. Dreste	10	City, well, cistern	No
3547 S. Spring av	Jos. Kemper	29	City, well, cistern	Yes
3549 S. Spring av	G. Ernst	14	City, cistern	Yes
5229 Shaw av	C. Theoni	6	Well, cistern	Yes
5300 Shaw av	Wm. Moberg	2	Well, cistern	Yes
3856 Sarpy av	Wm. Reher	67	City, spring	Yes
Tamm & Clayton avs	Geo. Schrand	10	Well, cistern	Yes
3739 Vista av	Catherine Suhl	8	City	No
5334 Wilson av	Engelbert Book	13	Well	Yes
5313 Wise av	F. Lustenberger	15	Cistern	Yes
7028 Mitchell av	Julius Bernsee	5	City, cistern	Yes
6806 O. Manchester av	Thos. Murra	5	Well, cistern	Yes
5241 Bischoff av	Jno. Leuken	21	Cistern, spring	Yes
5420 Wise av	Herman Weisman	4	Cistern	Yes
6539 Nashville av	Hy. Burchart	3	Cistern	Yes
5214 Shaw av	P. Willi	4	City, cistern	Yes
N. W. Cor. Simpson & Columbia av	Jas. Curtis	3	Well	No
3638 Clark av	Mary Walsh	4	City, cistern	No
TWENTY-EIGHTH WARD.				
4329A Clayton av	B. H. Beermann	50	City, well, cistern	Yes
4347 Clayton av	Clemens Feldt	13	Well, cistern	Yes

Location.	Owner.	No. Cows.	Water on Premises.	Cow Lot.
4410 Clayton av	Anton Bernsen	11	City, cistern	Yes
4961 Delmar Boul	Rob't Marsten	5	City	Yes
1212 Euclid av	Herbert Wenige	5	Well, cistern	Yes
1224 Euclid av	Rob't Dowell	3	Well, cistern	No
4538 McPherson av	Lawrence Sack	2	Cistern	Yes
4011 Papin st	Herman Moorman	60	City, well, cistern	Yes
4031 Papin st	Barney Vorwerk	63	City, well	Yes
4035 Papin st	Aug. Siemers	19	Well, cistern	Yes
4209 Papin st	Edw. Perkins	2	City, cistern	Yes
4546 Audubon av	Fred. Hofsteder	4	Cistern	Yes
1130 N. Euclid av	Mary Spoerin	3	Cistern, well	No
1020 Pendleton av	Julia Broderick	3	City	No
1022 Pendleton av	Walter Molloy	3	City	No

TABLE NO. 26.

PONDS ON PUBLIC PROPERTY.

1. Dakota street between Broadway and Nebraska avenue.
2. On line of Louisiana avenue, north of Wyoming street, and covering alleys in city block 1486–1483 and a part of Connecticut street.
3. Covering alley in city block 1428 (Pennsylvania, Pestalozzi and Minnesota).
4. On Sidney street between Nebraska and California avenues.
5. On Kraft avenue just north of Manchester road.
6. In alley of city block 3971 between Clayton road and Papin street.
7. On line of Duncan avenue between Sarah street and Boyle avenue.
8. Taylor avenue between Duncan avenue and Wabash railroad.
9. On line of alley in city block 2435 between Penrose and Ferry street.
10. On Terry avenue between Norwood and Union avenue.
11. On alley in city block 1079 (Parnell, Twenty-fifth street., Warren and Montgomery street).
12. On Reber place west of Brannon avenue.
13. On Sidney street north of Nebraska avenue.
14. On Sidney street and Pennsylvania avenue.
15. On Sidney street and Oregon avenue.
16. On Oregon avenue between Osage and Gasconade streets.
17. On Victor street between Ohio and Iowa avenues.
18. On Crittenden street between Ohio and Iowa avenues.
19. On Montana street between Grand and Louisiana avenues.
20. On Itaska street between Minnesota and Pennsylvania avenues.
21. On Compton avenue and Pestalozzi street.
22. Alley between Grand, Montana, Louisiana and Klock street.
23. Alley between Iowa, Lynch, Sidney and California avenue.
24. Alley between Grand, Arkansas, Arsenal and Hartford streets.
25. On Potomac street between Pennsylvania and Minnesota avenues.
26. On Iowa avenue between Sidney and Lynch streets.
27. N. and S. alley between Neosho, Dakota, Nebraska and Pennsylvania avs.
28. E. and W. alley between Neosho, Dakota, Nebraska and Pennsylvaniaavs.
29. Eugene street south of Robert avenue.
30. McKissock avenue near Adelaide avenue.
31. Taylor avenue north of Margaretta avenue.
32. Warren avenue and Montgomery street, Twenty-fifth and Parnell on alley.
33. Twenty-first street near Angelica street.
34. N. and S. Farragut street between Blair avenue and Nineteenth street.
35. N. Market street east of Garrison avenue.
36. Maffit avenue between Prairie and Spring avenues.
37. Cote Brilliante avenue east of King's highway.
38. N. and S. Cote Brilliante avenue twenty-five feet west of Belt avenue.
39. Cote Brilliante avenue near west line of Burd avenue.
40. Arlington avenue 150 feet north of Cote Brilliante avenue.
41. N. Market street 200 feet west of Clara avenue.
42. Clara avenue 50 feet south of North Market street.
43. Burd avenue and North Market street (intersection).
44. Semple avenue 120 feet south of North Market street.
45. Cote Brilliante avenue 150 feet west of Clara avenue.
46. Gratiot street between Sarah and Boyle avenue.

TABLE NO. 27.

RECORD OF POLICE COURT CASES.

When Sent to Court.	Name of Defendant.	Nature of Nuisance.	How Disposed of.	When Disposed of.
April 6,'96	Morris Smith	Maintaining full filthy privy vault	Nuisance abated. N. P.	April 17,'96.
" 6, "	Mary Redding	" " " "	" " "	" 17, "
" 6, "	Anna Tracy	" " " & ob. sewer	" " "	" 17, "
" 8, "	Richard McDonell	By failing to make sewer connection	" " No summons	
" 13, "	James E. Kaime (J. E. Kaime & Bro.)	Maintaining a filthy privy vault and privy	Def. appealed. Case decided in favor of Def. by Judge Murphy	June 4,'96.
" 13, "	David E. Kaime (J. E. Kaime & Bro.)	" " " " "	Def. appealed. Case decided in favor of Def. by Judge Murphy	" 4, "
" 13, "	Edwin F. Kaime (J. E. Kaime & Bro.)	" " " " "	Def. appealed. Case decided in favor of Def. by Judge Murphy	" 4, "
" 13, "	Barada-Ghio R. E. Co (Francis X. Barada, Pres.)	" " " " & ob. sewer	Nuisance abated. N. P.	May 22,'96.
" 16, "	George N. Truesdale	By failing to make sewer connection	Fined $50.00 and cost	June 30,'96.
" 16, "	Robert Friese	Filthy drainage of cow manure on to public property	Case N. P. by Judge Zimmerman	May 9,'96.
" 18, "	Rudolph Rambousek	Filthy drainage from premises	" dismissed	" 9, "
" 27, "	Jerry Schmit	Full privy vault	" " Def. moved	" 28, "
" 27, "	Thos. Morgan	" "	Nuisance abated. N. P.	June 19,'96.
" 27, "	Enoch Atkins	" "	Case dismissed. Def. moved	" 12, "
" 27, "	Amanda Smith	" "	Nuisance abated. N. P.	" 12, "
" 27, "	Peter Foster	" "	" " "	" 12, "
" 27, "	Sam. Dillon	" "	" " "	" 19, "
" 27, "	Harrison Bunte	" "	" " "	" 19, "
" 27, "	Lizzie Stuart	" "	" " "	" 12, "
" 27, "	Peter King	" "	" " "	" 12, "
" 27, "	Frank Hall	" "	" " "	Oct. 26,'96.
" 29, "	Francis Allen	Full privy vault	Def. fined $10.00 and cost	May 29,'96.
" 29, "	Annie O'Keeffe	By failing to make sewer connection	Nuisance abated. Dismissed	July 3, "
" 29, "	Martin Hannon	" " " " "	" "	May 26, "
" 30, "	Peter T. Madden	An overflowing privy vault	" " Dis.	" 19, "
" 30, "	Wm. Keane (Keane & Grace)	Full privy vault and obstructed sewer	" " N. P.	July 21, "
" 30, "	Patrick F. Grace (Keane & Grace)	" " " "	" " "	" 21, "
" 30, "	David A. Pareira	" " " "	" "	May 19, "
" 30, "	John F. Storm (Storm & Farrish)	H. Com'r's order to supply proper ash bin and clean private alley	Def. fined $50.00 and cost	June 9, "
" 30, "	John H. Farrish (Storm & Farrish)	H. Com'r's order to supply proper ash bin and clean private alley	" " "	" 9, "
May 1, "	Gustavus Schuchmann	Filthy, defective privy vault	" $20.00 "	May 19, "
" 1, "	Herman Von Eimen	Full, leaking privy vault	" " "	" 19, "
" 1, "	Mathews R. E. Co	" " "	" " "	" 19, "
" 1, "	" " "	Privy vault within 2 ft. of building line	" " "	" 19, "
" 8, "	Martin Hannon	Full and leaking privy vault	Nuisance abated	" 26, "
" 8, "	P. T. Madden	Filthy privy vault and obs. sewer	Dismissed in court	Oct. 26, "
" 8, "	Benj. E. Guerard	H. Com'r's order to remove bell trap or place trap in cellars	" "	No summons.
" 12, "	Louis Moesman	Full privy vault	Nuisance abated	June 12,'96.

May 12, '96	Charles E. Degge	Full privy vault	Nuisance abated	June 12, '96.
" 12, "	Christ Moesman	" "	" "	" 12, "
" 12, "	Henry Hans	" "	" "	" 12, "
" 13, "	Mitchell Hyatt	" "	Def. fined $50 and cost	May 22, "
" 13, "	Archibald Tagart	" "	" $10 and cost.	June 17, "
" 13, "	Catherine O'Day	Unlawful constructed privy vault.	Nuisance abated	July 3, "
" 13, "	M. R. Collins, Jr	By failing to make sewer connection	Dismissed by court	May 22, "
" 13, "	Catherine O'Day	" " " "	Def. fined $50 and costs.	July 3, "
" 14, "	Michael J. Hans	" " " "	Nuisance abated	June 30, "
" 14, "	" "	Full privy vault	" "	May 28, "
" 13, "	Edward Gruener	" "	" "	July 3, "
" 13, "	Philip Major	" "	" "	" 3, "
" 16, "	Michael J. Hans	" "	Def. fined $10 and cost	June 30, "
" 16, "	Gottlieb Biermann.	" "	Nuisance abated	" 10, "
" 16, "	Wm. Heikott	" "	" "	" 10, "
" 16, "	John Dowling	" "	" "	" 10, "
" 18, "	John Prior	" "	Dismissed, no longer agent	" 24, "
" 20, "	Fred Schindler	Filthy drainage	Case N. P	July 7, "
" 20, "	Henry Landwehr	" "	" "	" 7, "
" 20, "	Adolph Reich	" "	" "	" 7, "
" 20, "	Gus Wedler	" "	" "	" 7, "
" 20, "	Wm. Carl	" "	" "	" 7, "
" 20, "	Mary Kulage	" "	" "	" 7, "
" 13, "	Frederick Eismann	Establishing dairy without permission of Municipal Assembly	Def. fined $300.00 and cost, appealed and discharged by Judge Murphy	Nov. 19, "
" 16, "	Henry Vorholt	Establishing dairy without permission of Municipal Assembly	Appealed to Supreme Court	
" 22, "	Herman Kellmann	Well of impure water	Appealed, def. discharged	Nov. 19, "
" 22, "	Annie E. Inman	By failing to sewer connect	Def. fined $50.00 and cost	June 30, "
" 27, "	Thomas Daisy	Filthy privy vault	" $10.00 and cost	July 3, "
" 27, "	Andrew Fitzpatrick	" " "	Nuisance abated	June 30, "
June 4, "	John F. McDonnell	Full privy vault	Def. fined $10 00 and cost	July 8, "
" 4, "	Edward F. O'Keeffe	Full and filthy privy vault	Nuisance abated	" 16, "
" 4, "	John McMahon	Full privy vault	Def. fined $10.00 and cost	" 8, "
" 4, "	John F. McDonnell	By failing to make sewer connection	" $50.00 and cost	" 16, "
" 4, "	George Williams	Full privy vault	N. P	" 16, "
" 4, "	Wm. Hasslinger	" "	Nuisance abated	" 16, "
" 4, "	Lucy Mattlock	" "	No summons	
" 12, "	Wm. H. Shea	By failing to make sewer connection	" "	
" 12, "	" "	" " "	" "	
" 12, "	" "	" " "	" "	
" 12, "	" "	" " "	" "	
" 12, "	Edward F. O'Keeffe	" " "	Nuisance abated	July 16, "
" 12, "	Chicago R. & Bldg. Co	" " "	N. P. new orders issued	" 14, "
" 12, "	" " "	" " "	Dismissed	" 14, "
" 12, "	Mullanphy Bldg. Assn	" " "	Nuisance abated	" 15, "
" 12, "	Lindell Saving, Bldg. & L. Assn.	" " "	Def. fined $50.00 and cost	" 17, "
" 12, "	Active B. & L. Assn	" " "	No summons	
" 12, "	" " "	" " "	" "	
" 12, "	J. W. Stewart R. E. Co.	" " "	Nuisance abated	July 15, "
" 12, "	Mullanphy B. & L. Assn.	" " "	Dismissed. Not owner.	" 15, "
" 12, "	Chicago R. & Bldg. Co.	" " "	Def. fined $50.00 and cost	" 17, "
" 12, "	" "	" " "	" " "	" 17, "
" 12, "	" "	" " "	" " "	" 17, "
" 12, "	" "	" " "	" " "	" 17, "
" 12, "	" "	" " "	N. P. new orders issued	" 17, "

TABLE NO. 27. — RECORD OF POLICE COURT CASES — *Continued.*

When Sent to Court.	NAME OF DEFENDANT.	NATURE OF NUISANCE.	HOW DISPOSED OF.	When Disposed of.
June 12, '96	J. T. Donovan R. E. Co	By failing to make sewer connection	Nuisance abated	July 17, '96.
" 12, "	Chicago R. & Bldg. Co	" " "	Def. fined $50.00 and cost	" 17, "
" 12, "	" " "	" " "	" " "	" 17, "
" 12, "	" " "	" " "	" " "	" 17, "
" 12, "	Lindell S. & B. & L. Assn	" " "	" " "	" 17, "
" 12, "	Lindell S. B. & L. Assn	" " "	" " "	" 17, "
" 12, "	" " "	" " "	" " "	" 17, "
" 12, "	" " "	" " "	" " "	" 17, "
" 13, "	Pauline Sayers	" " "	Nuisance abated	" 17, "
" 17, "	Active B. & L. Assn	" " "	Dismissed, wrong service	" 25, "
" 17, "	" "	" " "	" " "	" 25, "
" 17, "	" "	" " "	" " "	" 25, "
" 17, "	David Kelley	" " "	No summons	
" 17, "	Sylva A. Gibbs	" " "	" "	
" 17, "	John Wimbusch	" " "	" "	
" 17, "	" "	" " "	" "	
" 19, "	Theodore Driedel	By failing to remove weeds	Def. fined $10.00 and cost	July 31, '96.
" 19, "	Collins Realty Co	" " "	Nuisance abated	No summons.
" 19, "	" "	" " "	" "	Aug. 18, '96.
" 22, "	Sophie M. Wurm	Maintaining unlawful privy vault	" "	Oct. 26, "
" 22, "	" "	Full privy vault	No summons	
" 22, "	" "	By failing to make sewer connection	Nuisance abated	July 28, "
" 23, "	John F. O'Donnell	Maintaining unlawful privy vault	Def. dead, case dismissed	Oct. 26, "
" 23, "	John McMahon	" " "	Appealed and dismissed by Judge Murphy	Aug. 20, "
" 23, "	Edw. F. O'Keeffe	" " "	Dismissed	July 8, "
" 23, "	Thomas Mullen	Full privy vault	Def. fined $10.00 and cost	" 28, "
" 24, "	Edward Flood	Filthy premises (keeping dogs and chickens)	" " $10.00 "	" 22, "
" 24, "	Anna Rambousek	Filthy drainage	Case appealed	
" 27, "	Herman Kellman	Interfering with a sanitary officer	Dismissed, wrong service.	July 28, "
" 29, "	Celia Nichols	Maintaining unlawful garbage receptacle	Dismissed, information paper lost	Aug. 28, "
July 6, "	L. H. Lohmeyer	Filthy and caving privy vault	Def. fined $25.00 and cost	July 17, "
" 6, "	Hill & Hummell	" privy vault and obs. sewer	Nuisance abated	" 17, "
" 6, "	Lucinda Syders	" " " "	" "	" 17, "
" 8, "	Horrace Williams	Filthy privy vault	" "	Aug. 4, "
" 9, "	Theodore Driedel	By failing to remove weeds	No summons	
" 9, "	James E. Fogg	" " "	Def. fined $25.00 and cost	Aug. 7, "
" 9, "	Louisa H. Wright	" " "	" " $20.00 " "	" 7, "
" 9, "	James Berry	" " "	Nuisance abated	July 27, "
" 9, "	James H. Case	" " "	" "	" 17, "
" 9, "	C. R. H. Davis R. E. Co.	" " "	Def. fined $25.00 and cost	" 17, "
" 11, "	Claude B. Martin	Pond of water	" " $100.00 " "	Aug. 7, "
" 13, "	" "	By failing to remove weeds	Nuisance abated	July 31, "
" 13, "	Collins Realty Co.	" " "	Dismissed by court	Oct. 1, "
" 14, "	Jefferson M. Wall	Improper garbage receptacle	Nuisance abated	Aug. 7, "
" 15, "	Norfleet Hill	Filthy privy vault	" "	" 4, "
" 17, "	Jane Lindsay	Failing to remove weeds	" "	Sept. 25, "
" 17, "	Jesse H. Holmes	" " "	" "	Aug. 4, "
" 17, "	Claus Vieths	" " "	" "	" 4, "
" 17, "	St. Louis Public Schools	" " "	No summons	

July 20, '96	St. Louis Public Schools	Failing to remove weeds	Nuisance abated	Aug. 4, '96.
“ 20, “	Louisa H. Wright	“ “ “	Def. fined $10.00 and cost	“ 7, “
“ 20, “	Wm. R. Cottrill	Improper garbage receptacle	Dismissed	“ 4, “
“ 20, “	Henry Hiemenz, Jr	Pond of liquid cow manure	Nuisance abated	“ 11, “
“ 20, “	Auguste B. Ewing	“ “ “	“ “	“ 11, “
“ 21, “	Depello R. Bates	Failing to remove weeds	“ “	“ 11, “
“ 23, “	Louisa H. Wright	Pond of water	“ “	“ 18, “
“ 24, “	David K. Ferguson	Failing to remove weeds	“ “	July 31, “
“ 25, “	Bernard M. Verdin	“ “ “	“ “	Sept. 18, “
“ 25, “	Benjamin Eisman	“ “ “	“ “	Aug. 20, “
“ 27, “	Charles Tilden	“ “ “	No summons	
“ 27, “	Henrietta Hornstein	“ “ “	“ “	
“ 27, “	Wm. Keane	“ “ “	Nuisance abated	Aug. 12, “
“ 28, “	Edward C. Smith	“ “ “	“ “	“ 20, “
“ 28, “	“ “ “	“ “ “	“ “	“ 20, “
“ 28, “	Henry Hiemenz, Jr	“ “ “	No summons	
“ 28, “	McKee-Hartnagel R. E. Co	“ “ “	Nuisance abated	Aug. 11, “
“ 28, “	Urias G. Everist	“ “ “	“ “	“ 18, “
“ 28, “	Henry B. Scammell	“ “ “	No summons	
“ 30, “	Ann Tiernan	“ “ “	Nuisance abated	Aug. 18, “
“ 30, “	Cornilla S. Thompson	“ “ “	Def. fined $20.00 and cost	“ 18, “
“ 30, “	Thos. S. Gerhard	“ “ “	“ “ “ “	“ 18, “
“ 30, “	Simms E. Young	“ “ “	No summons	
“ 30, “	Henry A. Smith	“ “ “	“ “	
“ 30, “	Anna Steinlage	“ “ “	“ “	
“ 30, “	Julius H. Gerhard	“ “ “	“ “	
“ 30, “	Timothy C. Callahan	“ “ “	“ “	
“ 30, “	Julius H. Gerhard	“ “ “	“ “	
“ 30, “	Henry W. Kockschnaider	“ “ “	Nuisance abated	Sept. 4, '96.
“ 30, “	James A. Wright, Joseph P. Wright, Joint Owners	Pond of water	“ “	Aug. 25, “
“ 30, “	Albert F. Jacobs	“ “	“ “	“ 25, “
“ 30, “	Andrew Sproule	“ “	“ “	“ 18, “
“ 30, “	Joseph Murphy	Defective privy vault	“ “	“ 15, “
“ 30, “	J. E. Kaime & Bro	“ water closet	Dismissed wrong section	Nov. 5, “
“ 30, “	Frederick Fisher	Well of impure water	Dismissed by orders Chas. W. Francis, chief sanitary officer	Aug. 13, “
“ 30, “	Mary Madden	“ “ “	Dismissed by orders Chas. W. Francis, chief sanitary officer	Sept. 10, “
“ 30, “	Margaret Mullaly	“ “ “	Dismissed by orders Chas. W. Francis, chief sanitary officer	“ 10, “
“ 30, “	Noonan R. E. Inv. Co	Full filthy privy vault and o. s.	Nuisance abated	“ 4, “
“ 30, “	James W. Francis	“ “ “	“ “	Oct. 26, “
“ 30, “	Herman Kellmann	Interfering with a sanitary officer	Tried and discharged	
“ 31, “	John C. Schottler	Failing to remove weeds	No summons	
“ 31, “	Daniel Connor	“ “ “	“ “	
“ 31, “	John J. O'Brien	“ “ “	“ “	
“ 31, “	Henry Hiemenz, Jr	“ “ “	Dismissed	Aug. 11, '96.
“ 31, “	John M. Frey	“ “ “	No summons	
“ 31, “	Frank & Agatha Suda	“ “ “	“ “	
Aug. 1, “	Benj. Wiethuchter	“ “ “	Nuisance abated	Aug. 17, “
“ 1, “	Sophie Droegge	“ “ “	“ “	“ 14, “
“ 1, “	Frederick Boeke	“ “ “	“ “	“ 11, “
“ 1, “	Victor J. Klutho	“ “ “	“ “	“ 11, “
“ 1, “	Conrad Weiss	“ “ “	“ “	“ 14, “
“ 1, “	Anna Suda	“ “ “	“ “	“ 14, “

TABLE NO. 27. — RECORD OF POLICE COURT CASES — *Continued.*

When Sent to Court.	NAME OF DEFENDANT.	NATURE OF NUISANCE.	HOW DISPOSED OF.	When Disposed of.
Aug. 3, '96.	Louis Stroeher	Failing to remove weeds	No summons	
" 3, "	Thomas Kenney	By failing to cut and remove weeds	" "	
" 3, "	Sylvester J. Fisher	" " "	Nuisance abated	Aug. 27, '96.
" 3, "	James F. Brady	" " "	" "	Sept. 4, "
" 3, "	J. M. Donovan	" " "	" "	" 4, "
" 3, "	Catherine M. Johnson	" " "	No summons	
" 3, "	Luke Keane	" " "	" "	
" 3, "	Louis Graf	" " "	" "	
" 3, "	Luke McLaughlin	" " "	" "	
" 3, "	Philip George	" " "	Nuisance abated	Sept. 4, '96.
" 3, "	Lawrence Gerber	" " "	" "	" 4, "
" 3, "	Martha A. McKnight	" " "	No summons	
" 3, "	Celia Nichols	" " "	" "	
" 3, "	Chas. T. Varney	" " "	Nuisance abated	Aug. 25, '96.
" 3, "	St. Louis Trust Co.	" " "	" "	" 18, "
" 3, "	Joseph T. Donovan	" " "	Def. fined $20.00 and cost	" 18, "
" 3, "	George T. Wolff	" " "	Nuisance abated	" 28, "
" 3, "	Charles Klein	" " "	" "	" 21, "
" 3, "	Henry Hiemenz	" " "	" "	" 21, "
" 3, "	Fannie C. Beneke	" " "	" "	" 28, "
" 3, "	Leonora Beneke	" " "	" "	" 28, "
" 3, "	Frederick Kraft	" " "	No summons	
" 3, "	Adele S. Morrison	" " "	" "	
" 3, "	Catherine Hirschberg	" " "	" "	
" 4, "	Theresa Schmittgens	" " "	Nuisance abated	Aug. 31, '96.
" 4, "	Jacob P. Rinkel	" " "	" "	Sept. 17, "
" 4, "	Josephine Zykan	" " "	" "	" 1, "
" 4, "	Mary E. Boyce	" " "	No summons	
" 4, "	John Noe	" " "	Nuisance abated	" 8, "
" 4, "	Annie M. Nelson	" " "	" "	" 1, "
" 4, "	George C. Fox	" " "	" "	" 8, "
" 4, "	Frederick Moll	" " "	" "	" 1, "
" 4, "	Henry Hickman	" " "	" "	" 9, "
" 5, "	Lewis T. Basquill	" " "	No summons	
" 5, "	J. M. Donovan	" " "	Nuisance abated	Aug. 28, "
" 5, "	Wm. A. Rutledge	" " "	" "	" 28, "
" 5, "	James T. Sanders	" " "	No summons	
" 5, "	John W. Blakely	" " "	" "	
" 5, "	James F. Gunn	" " "	" "	
" 5, "	Lewis F. Basquill	Pond of water	" "	
" 6, "	James T. Carroll	Failing to cut and remove weeds	Nuisance abated	Aug. 28, '96.
" 6, "	Edward C. Smith	" " "	No summons	
" 6, "	Thomas V. Collet	" " "	Nuisance abated	Aug. 18, "
" 6, "	" "	" " "	Dismissed, not owner	" 28, "
" 6, "	Samuel E. Morris	" " "	" " "	" 28, "
" 6, "	Wm. Meyer	Full privy vault	" moved	Oct. 26, "
" 6, "	Clay Harston	" "	No summons	
" 6, "	Thomas Whelan	Failing to cut and remove weeds	Nuisance abated	Sept. 4, "
" 6, "	Wm. H. Etter	" " "	No summons	

Aug. 6, '96.	Patrick R. Cain	Failing to cut and remove weeds	No summons	
" 6, "	Francis X. Barada	" " "	Nuisance abated	Aug. 27, '96.
" 6, "	James C. Ghio	" " "	Nuisance abated	" 27, "
" 6, "	Elizabeth Ghio	" " "	" "	" 27, "
" 6, "	John F. Judd	" " "	" "	Sept. 4, "
" 6, "	Wm. Osterwisch	" " "	" "	Aug. 27, "
" 6, "	Christian F. Liebke	" " "	" "	" 27, "
" 6, "	Joseph Weber	" " "	" "	Sept. 4, "
" 6, "	John G. Redemeier	" " "	No summons	
" 6, "	Thos. Buckley	" " "	Nuisance abated	Aug. 27, '96.
" 6, "	Ferdinand Netzeband	" " "	" "	" 27, "
" 6, "	Rosalie Geffett	" " "	" "	" 27, "
" 7, "	Margaret A. Scott	" " "	Court continued indefinitely	
" 8, "	Walker Evans	" " "	No summons	
" 8, "	Ernst Link	" " "	" "	
" 8, "	Walter C. Taylor	" " "	" "	
" 11, "	Hy. M. Bryan	" " "	" "	
" 11, "	" "	" " "	" "	
" 11, "	Lindell B. & L. Assn	" " "	" "	
" 12, "	Marceline R. Reyburn	" " "	Dismissed by prosecuting attorney	Sept. 2, '96.
" 15, "	Lion L. Hull	Filthy privy vault and ob. sewer	Nuisance abated	" 11, "
" 15, "	Joseph O. Ingals	Failing to make sewer connection	Def. fined $25.00 and cost	" 11, "
" 18, "	John Sparks	Filthy and unsanitary cellar	Nuisance abated	" 23 "
" 20, "	Peter T. Madden	Full privy vault and ob. sewer	" "	" 25, "
" 21, "	Catherine Tesson	Full privy vault	" "	" 25, "
" 21, "	Elsie and Herman Brockschmidt	Pond of water	Def. fined $100.00 and cost	" 30, "
" 21, "	John W. Hoemmekee	" "	" " "	" 30, "
" 21, "	Bennett Wasserman	Improper garbage receptacle	" $10.00 and cost	" 30, "
" 21, "	Joseph Langeland	Keeping hogs within city	No summons	
" 26, "	Barbara Frey	Pond of water	N. P.	Sept. 30, '96.
" 26, "	Chas. H. Powell	Full privy vault	Dismissed (new suit)	Nov. 6, "
" 26, "	Quong Sing	" "	Nuisance abated	" 6, "
" 26, "	Lawerance McManara	" "	" "	" 6, "
" 26, "	James Young	" "	" "	" 25, "
" 26, "	Annie Statman	" "	No summons	
" 26, "	Carrie Budke	Failing to cut and remove weeds	Nuisance abated	Sept. 18, '96.
" 26, "	Thos W. Cartef	" " "	No summons	
" 26, "	Hy. B. Scammel	" " "	" "	
" 26, "	James B. McCann	" " "	" "	
" 26, "	Annie M. Lochmann	" " "	" "	
" 26, "	Bernard M. Verdin	" " "	" "	
" 26, "	Matilda Manley	" " "	" "	
" 26, "	Philip Von Phul	" " "	" "	
" 26, "	Wm. H. Miltenberger	" " "	" "	
" 26, "	Henry C. Petring	" " "	" "	
" 26, "	Adolph Mueller	" " "	" "	
" 28, "	Christian Prior	Filthy privy vault	Nuisance abated	Sept. 25, '96.
" 28, "	Thos. Cuddy	By failing to cut and remove weeds	No summons	
" 28, "	Stella S. Jamison	" " "	" "	
" 28, "	Chas. W. Gause	" " "	" "	
" 28, "	Simon S. Bass	" " "	" "	
" 29, "	Margaret Loughry	Filthy privy vault	Dismissed (not found)	Oct. 9, '96.
" 29, "	Sam Dorman	Full privy vault	" "	" 9, "
" 29, "	Louise Wilman	" "	Nuisance abated	Nov. 6, "
" 29, "	Salome Gibson	" "	" "	" 6, "
" 29, "	Hyden Y. Loring	Filthy privy vault	" "	" 6, "

TABLE NO. 27. — RECORD OF POLICE COURT CASES — *Continued.*

When Sent to Court.	Name of Defendant.	Nature of Nuisance.	How Disposed of.	When Disposed of.
Aug. 29, '96.	Michael J. Shea	Full privy vault	No summons	
" 29, "	Michael Marmion	" "	Dismissed (moved)	Oct. 9, '96.
" 29, "	James Barney	" "	No summons	
" 29, "	Johanna M. Berney	Failing to cut and remove weeds	" "	
" 29, "	Arthur L. Thompson	" " "	" "	
" 29, "	John M. Peters	Filthy private alley	N. P.	Sept. 23, '96.
" 29, "	Maggie McManus	" " "	Def. discharged	Dec. 3, "
" 29, "	Ellen J. McKee	" " "	N. P.	Sept. 23, "
" 29, "	Cliford M. Dolph	" " "	Def. discharged	Dec. 3, "
" 29, "	" "	" " "	Def. fined $25.00 and cost	Sept. 23, "
" 31, "	Edward Toomey	Full privy vault	Nuisance abated	Oct. 19, "
" 31, "	" "	Failing to make sewer connection	Dismissed by C. W. Francis, chief San. Off.	Sept. 30, "
" 31, "	Teresa O'Meara	Failing to cut and remove weeds	No summons	
" 31, "	Fred Heman	" " "	" "	
" 31, "	Geo. Schierberg	" " "	" "	
" 31, "	Henry Pauck	" " "	" "	
" 31, "	Mary Pauck	" " "	" "	
" 31, "	Chas. Gerber	" " "	" "	
" 31, "	James Shaw	" " "	" "	
" 31, "	Mary E. Boyce	" " "	" "	
" 31, "	" " "	" " "	" "	
" 31, "	Jacob Kuhn	By failing to cut and remove weeds	" "	
" 31, "	Augustus K. Wilding	" " "	" "	
" 31, "	Mullanphy B. & L. Assn.	" " "	" "	
Sept. 1, "	Michael Metz	Filthy privy vault	" "	
" 1, "	John Oetter	Full " "	" "	
" 1, "	Chas. H. Peck	Failing to cut and remove weeds	" "	
" 1, "	" " "	" " "	" "	
" 1, "	Peter G. Peterson	" " "	" "	
" 1, "	Wilhelmina R. Koenig Kramer	" " "	" "	
" 1, "	Christian H. Prior	" " "	" "	
" 1, "	Julius Pitzman	" " "	" "	
" 1, "	Thos. R. Pullis	" " "	" "	
" 1, "	Margaret Driscoll	" " "	" "	
" 1, "	George F. Rubelman	" " "	" "	
" 1, "	Mullanphy B. & L. Assn	" " "	" "	
" 1, "	Chas. W. Hogan	" " "	" "	
" 1, "	" " "	" " "	" "	
" 1, "	Frank W. Giese	" " "	" "	
" 1, "	Geo. J. Plant	" " "	" "	
" 1, "	Walter J. Lewis	" " "	" "	
" 2, "	Nils J. C. Olsen	Unlawful privy vault	Nuisance abated	Nov. 10, '96.
" 2, "	" "	Full privy vault	" "	" 10, "
" 2, "	" "	Failing to make sewer connection	Dismissed (new suit)	" 12, "
" 2, "		" " "	" "	" 12, "
" 2, "	Edward J. Sligar	" " "	" "	" 12, "
" 2, "	Emma Levy	" " "	No summons	
" 2, "	John W. Newcomb	" " "	" "	
" 2, "	Henry Hempelman	" " "	" "	

Sept. 2, '96.	Henry Hempelman	Failing to make sewer connection	No summons	
" 2, "	Adele S. Morrison	" " "	" "	
" 2, "	Edward K. Love	" " "	" "	
" 2, "	Jacob M. Bixler	" " "	" "	
" 2, "	Wm. Young	" " "	" "	
" 2, "	James W. Way	" " "	" "	
" 2, "	Mary Lyons	" " "	" "	
" 3, "	John Theby	" " "	Nuisance abated	Withdrawn.
" 3, "	John M. Johnson	" " "	" "	"
" 3, "	Margaret Callahan	" " "	Dismissed (service bad)	
" 3, "	Mary Jones	" " "	" (new suit)	
" 3, "	Joseph N. Ketts	" " "	Nuisance abated	Withdrawn.
" 3, "	Ben Smith	Full privy vault	Dismissed (new suit)	
" 3, "	Samuel H. Morton	Failing to make sewer connection	" "	
" 3, "	Mary E. Klines	" " " "	" "	
" 3, "	Richard Davis	" " " "	" "	
" 3, "	Nils J. C. Olsen	" " " "	" "	
" 3, "	Julia A. Cutler	" " " "	" "	
" 4, "	Frank Sommerhalter	Illegal catch basin	No summons	
" 4, "	Edwin V. Kyte	Pond of water	Dismissed (new suit)	
" 4, "	Chas. E. Hoyleman	" "	" "	
" 4, "	Jacob G. Watt	" "	" "	
" 4, "	Charles H. Tyler	Failing to cut and remove weeds	No summons	
" 4, "	George H. Small	" " "	" "	
" 4, "	Sarah M. Boyden	" " "	" "	
" 4, "	Anton J. Weidner	" " "	" "	
" 5, "	Lucy Mattlock	Full privy vault	Dismissed (new suit)	
" 5, "	Charles A. DesMoulin	" "	Nuisance abated	Withdrawn.
" 5, "	Thomas Kerr	" "	" "	"
" 5, "	Henrietta Cole	" "	" "	"
" 5, "	Jos. T. Donovan R. E. Co	" "	" "	"
" 5, "	George Lindhorst	" "	No summons	
" 8, "	George C. Fox	Pond of water	Dismissed (new suit)	
" 9, "	Joseph Ruprecht	Filthy yard	" "	
" 9, "	Rebecca Webb	" privy vault	Nuisance abated	Nov. 5, '96.
" 10, "	Wm. Omcirk	" drainage	No summons	
" 11, "	Charles H. Frank	Pond of water	Dismissed	Withdrawn.
" 14, "	Joseph La Mothe Est	Failing to cut and remove weeds	No summons	
" 19, "	Frederick Baehr	Pond of water	Dismissed	Withdrawn.
" 24, "	Andrew Fahrenbach	Full privy vault	Nuisance abated	Oct. 30, '96.
" 24, "	Mary Koester	" "	" "	" 30, "
" 24, "	John M. Wilson	Overflowing privy vault	No summons	
" 26, "	Cecelia Nichols	Failing to cut and remove weeds	" "	
" 26, "	John Goether	" " "	" "	
" 26, "	Patrick Manlon	" " "	" "	
" 26, "	Jacob Jacobs	" " "	" "	
" 26, "	Rena Mandel	" " "	" "	
" 26, "	Delia Geraghty	" " "	" "	
" 26, "	Mary A. Geraghty	" " "	" "	
" 26, "	Frank S. Parker	" " "	" "	
" 26, "	Collins Realty Co	" " "	" "	
" 26, "	Robert E. Collins	" " "	" "	
" 26, "	Collins Realty Co	" " "	" "	
" 26, "	" "	" " "	" "	
" 26, "	" "	" " "	" "	
" 26, "	" "	" " "	" "	

TABLE NO. 27. — RECORD OF POLICE COURT CASES — *Continued.*

When Sent to Court.	NAME OF DEFENDANT.	NATURE OF NUISANCE.	HOW DISPOSED OF.	When Disposed of.
Sept. 28, '96.	W. P. Clarkson	Failing to cut and remove weeds	No summons	
“ 28, “	“ “	“ “ “	“ “	
Oct. 2, “	Lazarus Scharff	“ “ “	“ “	
“ 2, “	Adolph Scharff	“ “ “	“ “	
“ 2, “	Conrad Blumeyer	“ “ “	“ “	
“ 2, “	Kate B. Ford	“ “ “	“ “	
“ 2, “	Mary A. B. Landzettel	“ “ “	“ “	
“ 2, “	Mary Brady	By failing to place fresh air in sewer, to house.	Nuisance abated	Oct. 29, '96.
“ 2, “	Wm. A. Shoemaker, M. D	“ “ “ “ “	“ “	Nov. 5, “
“ 3, “	Wesley G. Sluder	“ “ soil pipe, fresh air trap and trap all fixtures	Dismissed	Withdrawn.
“ 7, “	Hudson T. Shobe	Full privy vault	Nuisance abated	Oct. 30, '96.
“ 9, “	J. W. Brennan	Obstructed sewer in yard	No summons	
“ 10, “	Henry Zoll	Full privy vault	Dismissed (new case)	
“ 20, “	R. C. Greer & Son R. E. Co.	Filthy “ “	“ “	
“ 20, “	“ “ “	“ “ “	“ “	
“ 29, “	David Cartin	Interfering with veterinary surgeon	Defendant fined $50.00 and cost	Nov. 10, '96.
“ 29, “	“ “	“ “ “ “	“ “ “ “	“ 10, “
Nov. 7, “	Henry Zoll	Full privy vault	Nuisance abated	“ 17, “
“ 7, “	Henry J. Fink	“ “	“ “	“ 17, “
“ 7, “	Lucy Mattlock	“ “	Defendant fined $25.00 and cost	“ 17, “
“ 7, “	Chas. E. Hoylman	Pond of water	“ “ $100.00 “	Jany. 12, '97.
“ 7, “	Edwin B. Kyte	“ “	Nuisance abated	“ 2, “
“ 7, “	George C. Fox	“ “	“ “	“ 12, “
“ 7, “	Richard Davis	Failing to make sewer connection	“ “	Nov. 27, '96.
“ 7, “	R. C. Greer & Son R. Co	Filthy privy vault.	“ “	“ 20, “
“ 7, “	Joseph Ruprecht	Filthy yard	Dismissed (not found)	Dec. 11, “
“ 7, “	R. C. Greer & Son R. Co	Filthy privy vault	Nuisance abated	Nov. 20, “
“ 7, “	Sam'l H. Martin	Failing to make sewer connection	Dismissed (not found)	“ 27, “
“ 13, “	Chas. H. Powell	Full privy vault	Nuisance abated	“ 20, “
“ 13, “	Wm. Hilgedag	Untrapped sink	“ “	“ 20, “
“ 13, “	Jacob Cohen	Filthy privy vault	“ “	“ 20, “
“ 13, “	Angie Phillips	Untrapped sink	“ “	“ 20, “
“ 16, “	Herman Walker	Illegal catch-basin	Pending in C. C. C. Court	
“ 16, “	Henry Wankmann	“ “	“ “	
“ 16, “	Joseph C. Good	“ “	“ “	
“ 16, “	Bernard Bitter	“ “	“ “	
“ 16, “	Frank Sommerhalter	“ “	“ “	
“ 16, “	Henry Uhlen	“ “	“ “	
“ 16, “	Frederick Herbot	“ “	“ “	
“ 19, “	Alexander L. Rohlfing	Filthy privy vault	Nuisance abated	Nov. 27, '96.
“ 19, “	David Carten	Filthy drainage	Defendant discharged in 3 C. court	Jany. 21, '97.
“ 19, “	George Brandon	Filthy privy vault	Dismissed, wrong party	Withdrawn.
“ 23, “	Nils J. C. Olsen	Failing to make sewer connection	Def. fined $15.00 and cost	Jany. 5, '97.
“ 23, “	“ “	“ “ “	“ “	“ 5, “
“ 23, “	“ “	“ “ “	“ “	“ 5, “
“ 23, “	Mary Klives	“ “ “	Nuisance abated	“ 5, “
“ 23, “	Edward D. Sligar	“ “ “	“ “	“ 5, “
“ 23, “	Julia A. Cutler	“ “ “	“ “	Dec. 4, '96.

Nov. 27, '96	Benj. E. W. Ruler	Failing to make sewer connection	Nuisance abated	Jany. 8, '97.
" 27, "	John H. Metzler	" " "	" "	Feb. 5, "
" 27, "	Frank J. Tabor	" " "	Dismissed (not found)	Dec. 11, '96.
" 27, "	Benj. Smith	Full privy vault	Nuisance abated	" 11, "
" 27, "	Mary Jones	" "	" "	" 11, "
" 27, "	Aaron Goodwin	" "	" "	" 11, "
Dec. 7, "	Gustavus Schuchman	Untrapped sinks	" "	" 24, "
" 7, "	Patrick Butler	Filthy privy vault	" "	" 15, "
" 7, "	Walter Glover	Full "	" "	" 15, "
" 7, "	Reuben M. Hanks	Filthy "	" "	" 15, "
" 7, "	Frank Roberts	Full "	" "	" 15, "
" 7, "	Wm. G. Straka	" "	" "	" 15, "
" 22, "	Elizabeth Meglitch	Overflowing cesspool	N. P	" 29, "
" 22, "	Edward C. Gerhard	" "	"	" 29, "
" 22, "	Benj. F. Thompson	" "	"	" 29, "
" 22, "	Wm. Garesche	" "	"	" 29, "
" 22, "	James B. Stuart	" "	"	" 29, "
" 22, "	Philip Sauerwein	Full privy vault	Nuisance abated	" 29, "
" 22, "	Elizabeth Meglich	Overflowing cesspool	N. P.	" 29, "
" 26, "	Mary Costello	Pond of water	Dismissed (not found)	Jany. 5, '97.
" 26, "	Wm. Costello	" "	" "	" 5, "
" 26, "	Henry Witte	" "	Def. fined $50.00 and cost	Feb. 11, "
" 26, "	Sam'l H. Leathe	Filthy privy vault	Nuisance abated	Jany. 5, "
Jany. 2, '97	R. D. Lancaster	Full "	" "	" 8, "
" 2, "	Peter Dolan	Filthy "	" "	" 8, "
" 2, "	M. R. Collins, Jr.	" "	" "	" 8, "
" 2, "	James McLaughlin	Full "	" "	" 8, "
" 2, "	John N. Herder	" "	" "	" 15, "
" 2, "	John Dockery	Filthy yard	" "	" 8, "
" 6, "	Christopher Hilke	Pond of water	Def. fined $100.00 and cost	Mch. 5, "
" 6, "	Henry C. Barnard	Failing to make sewer connection	Nuisance abated	Jany. 22, "
" 9, "	Herman Westemacher	Leaking privy vault	" "	" 15, "
" 9, "	Wm. Wolf	" "	Def. in jail, not served	" 9, "
" 9, "	Minnie Hilmer	" "	Nuisance abated	" 15, "
" 14, "	T. F. Farrelly	Water in cellar	" "	Feb. 5, "
" 22, "	John Spark	Full privy vault	Dismissed (not owner)	" 2, "
Feb. 20, "	John M. Wilson	" "	Nuisance abated	Mch. 5, "
Mch. 10, "	Ernest Edwards	Pond of water	" "	April 2, "
" 12, "	Frank F. Fife	Defective privy vault	" "	Mch. 26, "

IV.

CITY DISPENSARY.

Presenting twenty tables, etc., as follows:

Tables No. 1 to 12 (inclusive).	Showing classified statement of diseases treated by months.
Table No. 13.	Showing classified statement of diseases treated during year ending March 31st, 1897.
Table No. 14.	Showing medical and surgical cases treated at dispensaries.
Table No. 15.	Showing result of examination of reported insane.
Table No. 16.	Showing number of patients sent to hospitals, by months.
Table No. 17.	Showing results of vaccination service for the year.
Table No. 18.	Comparative statement of ambulance calls answered, etc.
Table No. 19.	Comparative statement of expenditure for medicine for the last two years.
Table No. 20.	Financial statement.

TABLE NO. 1.

APRIL, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	13	25	....	38	Hernia	1	....	....	1
Abscesses	12	....	5	17	Hypochondria	1	....	....	1
Acne	1	....	1	2	Habit, morphine	2	....	....	2
Adenitis	1	1	....	2	Incontinence urine	....	3	....	3
Alcholism	16	2	2	20	Indigestion	1	....	4	5
Alleged rape	1	....	....	1	Insomnia	1	....	....	1
Amenorrhoea	....	....	3	3	Intestinal colic	2	....	....	2
Amputations	1	....	....	1	La Grippe	38	20	....	58
Anaemia	7	....	....	7	Leucorrhoea	....	3	....	3
Anasarca	....	2	....	2	Lumbago	11	2	....	3
Anchylosis	1	....	....	1	Lymphangitis	1	....	....	1
Asthma	14	....	6	20	Mastitis	....	1	....	1
Bites dog	15	5	10	30	Menopause	....	1	....	1
" insect	1	....	....	1	Metrorrhagia	....	4	....	4
" man	2	....	....	2	Myalgia	3	....	....	3
Bronchitis	215	29	2	246	Nephritis	4	1	2	7
Burns	29	20	6	55	Nervous prostration	2	....	1	3
Carbuncles	3	....	2	5	Neuralgia	5	2	4	11
Caries	1	....	....	1	Neurasthenia	5	....	....	5
Catarrh, nasal	1	....	1	2	Odontalgia	4	....	....	4
Cellulitis	24	4	10	38	Otalgia	1	....	....	1
Cephalalgia	16	....	1	17	Otorrhoea	1	....	....	1
Cirrhosis	2	....	....	2	Otitis media	1	....	....	1
Concussion of brain	1	1	....	2	Ovaritis	1	....	....	1
Conjunctivitis	8	6	1	15	Pregnancy	2	....	....	2
Constipation	146	5	6	157	Paralysis	5	....	....	5
Convulsions, infantile.	....	....	1	1	Paresis	2	....	....	2
Coryza	1	3	....	4	Parodiditis	2	....	....	2
Cystitis	5	....	3	8	Paronychia	2	....	....	2
Debility	1	5	3	9	Pharyngitis	8	....	....	8
Dentition	....	....	2	2	Pediculosis	1	....	....	1
Dermatitis	7	....	1	8	Pertusis	1	....	....	1
Diarrhoea	23	2	5	30	Periostitis	3	....	....	3
Diphtheria	1	4	....	5	Phimosis	1	....	....	1
Dislocations	5	3	1	9	Phthisis pulmonalis	6	13	5	24
Dysentery	15	2	....	17	Pleurisy	17	3	....	20
Dysmenorrhoea	7	....	....	7	Pneumonia	49	2	....	51
Dyspepsia	19	....	....	19	Pulmonary, not defined	2	....	....	2
Eczema	14	7	3	24	Ptyalism	3	....	....	3
Endo-carditis	1	....	....	1	Rachitis	1	....	....	1
Enteralgia	15	....	....	15	Retention urine	1	....	....	1
Epididimitis	1	....	....	1	Poisoning, morphine	....	....	1	1
Epilepsy	8	2	4	14	Rhinitis	....	....	2	2
Epistaxis	3	....	1	4	Rheumatism	78	24	4	106
Erysipelas	....	4	2	6	Rubeola	3	2	1	6
Excoriations	....	....	3	3	Salivation	2	....	....	2
Extraction of teeth	3	21	....	24	Scabies	3	....	1	4
Fevers, malarial	189	50	10	249	Scalds	1	....	....	1
" remittent	80	2	9	91	Sciatica	1	....	....	1
" typhoid	....	1	....	1	Scrofula	2	....	....	2
Fistula	1	....	....	1	Sprains	29	9	1	39
Foreign body removed	21	2	3	26	Stomatitis	1	....	2	3
Fractures	23	8	3	34	Synovitis	1	....	....	1
Furuncles	3	....	2	5	Syphilis	4	....	....	4
Gastralgia	1	3	2	6	Taenia solium	2	....	....	2
Gastritis	8	5	4	17	Thecitis	1	....	....	1
Gastro-enteritis	1	....	1	2	Tonsilitis	43	5	10	58
Gingivitis	1	....	....	1	Ulcers	25	....	9	34
Haematoma	2	....	....	2	Uraemia	....	2	....	2
Heart disease, organic	14	....	5	19	Urethritis	1	....	....	1
" " functional	7	1	....	8	Urticaria	1	....	....	1
Hemorrhage	1	....	....	1	Uterine	1	....	....	1
Hemorrhoids	2	....	....	2	Vaccine sores	5	....	....	5
Hemiplegia	1	....	....	1	Varicose veins	5	....	....	5
Hepatitis	2	11	....	13	Vertigo	1	....	....	1

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Whitlow	7	....	1	8	Wounds, penetrating	2	2	....	4
Wounds, contused	11	11	20	42	" punctured	21	....	7	28
" gunshot	12	10	1	23	" scalps	116	18	30	164
" incised	31	8	32	71	Internal injuries	....	2	....	2
" lacerated	108	31	18	157					
" infected	....	12	....	12	Total	1728	425	280	2433

TABLE NO. 2.

MAY, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasion	30	....	10	40	Furuncles	5	7	....	12
Abscesses	20	4	10	34	Gastralgia	3	4	5	12
Acne	1	....	....	1	Gastritis	12	1	4	17
Adenitis	2	....	....	2	Gastro-enteritis	2	2	....	4
Alcoholism	10	3	....	13	Haematoma	1	....	....	1
Alleged rape	2	....	....	2	Heart disease, organic	18	1	....	19
Amenorrhoea	1	1	1	3	Hemorrhage	6	....	....	4
Amputations	2	....	....	2	Hemorrhoids	4	....	1	5
Anaemia	8	....	....	8	Hepatitis	5	....	12	17
Ascaridis	1	....	....	1	Hernia	3	....	....	3
Asthma	5	5	5	15	Herpes zoster	2	....	....	2
Bites, dog	15	3	13	31	Habit, morphine	1	....	....	1
" man	2	....	....	2	Incontinence urine	....	....	1	1
Bronchitis	101	2	8	111	Indigestion	....	1	....	1
Burns	6	4	7	17	Intestinal, colic	3	....	....	3
Bursitis	1	....	....	1	Iritis	....	....	1	1
Cancers	1	....	2	3	Jaundice	2	....	....	2
Carbuncles	....	2	6	8	La Grippe	13	....	....	13
Catarrh, gastric	....	1	....	1	Leucorrhoea	1	....	....	1
Cellulitis	20	8	....	28	Lipoma	1	....	....	1
Cephalalgia	17	2	....	19	Lacomotor ataxia	1	....	....	1
Cholera infantum	4	....	....	4	Insolations	1	....	1	2
" morbus	....	....	4	4	Lumbago	13	....	1	14
Concussion of brain	2	....	1	3	Lymphangitis	1	....	1	2
Congestion of lungs	....	....	4	4	Masturbation	2	....	....	2
Conjunctivitis	2	1	2	5	Menopause	1	....	....	1
Constipation	80	1	14	95	Myalgia	2	....	....	2
Convulsions, infantile	....	1	....	1	Nephritis	7	3	2	12
Coryza	....	....	1	1	Nervous prostration	1	1	....	2
Cystitis	3	4	....	7	Neuralgia	10	6	10	26
Debility	1	1	2	4	Neurasthenia	9	....	....	9
Dentition	....	10	....	10	Oedema	1	....	....	1
Dermatitis	10	3	....	13	Ophthalmia	1	....	....	1
Diabetes	1	....	....	1	Orchitis	1	....	....	1
Diarrhoea	28	10	17	55	Pregnancy	1	....	....	1
Dislocations	7	2	4	13	Paralysis	1	....	....	1
Dysentery	15	....	5	20	Paronychia	1	....	....	1
Dysmenorrhoea	4	....	....	4	Pharyngitis	10	....	....	10
Dyspepsia	19	....	....	19	Pediculosis	4	....	....	4
Eczema	6	1	10	17	Pertusis	1	....	....	1
Enteralgia	2	....	....	2	Periostitis	....	....	1	1
Enteritis	9	....	....	9	Phthisis	14	2	6	22
Epididimitis	4	....	....	4	Pleurisy	12	....	1	13
Epilepsy	5	2	....	7	Pneumonia	10	....	1	11
Epistaxis	1	2	...	3	Pulmonary, not defined	1	....	....	1
Erythema	3	....	....	3	Ptyalism	4	....	....	4
Erysipelas	1	1	1	3	Rechitis	1	....	....	1
Excoriations	2	1	....	3	Retention urine	8	....	....	8
Extraction of teeth	6	....	13	19	Poisoning, morphine	1	....	....	1
Fevers, malarial	148	10	40	198	Rhinitis	1	....	....	1
" remittent	70	....	11	81	Rheumatism	91	2	24	117
" typhoid	7	....	....	7	Reubeola	2	2	2	6
Foreign bodies remv'd	13	2	....	15	Scabies	8	1	....	9
Fracture	35	2	8	45	Sciatica	5	....	....	5

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Septicaemia	1	....	....	1	Varicocele	1	....	....	1
Sprains	39	5	6	50	Varicose veins	2	....	....	2
Stomatitis	1	4	....	5	Varicella	2	....	....	2
Synovitis	....	....	3	3	Whitlow	3	3	6	12
Syphilis	11	....	....	11	Wounds, contused	54	10	19	83
Taenia solium	1	....	....	1	“ gunshot	13	10	5	28
Tinea circinati	2	....	....	2	“ incised	67	8	16	91
Thecitis	1	....	....	1	“ lacerated	131	10	....	141
Tonsilitis	20	8	4	32	“ infected	....	....	26	25
Trachitis	1	....	....	1	“ penetrating	1	....	....	1
Tumors	1	....	....	1	“ punctured	16	12	3	31
Ulcer	44	2	3	44	“ scalp	118	21	43	182
Urticari	1	....	....	1	Internal injuries	2	....	....	2
Vaccinia	1	....	....	1					
Vaginitis	3	....	....	3	Total	1576	216	406	2198

TABLE NO. 3

JUNE, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	43	13	....	56	Enteritis	40	....	....	40
Abscesses	14	16	14	44	Entero-colitis	11	....	....	11
Acne	1	....	4	5	Enlarged glands	4	....	. ..	4
Adenitis	2	....	....	2	Epididimitis	2	....	....	2
Alcoholism	14	5	2	21	Epilepsy	8	...	2	10
Amenorrhoea	1	....	1	2	Epistaxis	1	....	....	1
Anaemia	6	....	....	6	Erythema	3	....	....	3
Anasarca	1	....	....	1	Erysipelas	3	....	....	3
Anchylosis	1	....	....	1	Excoriations	....	....	1	1
Asthma	8	10	11	29	Extraction of teeth	1	27	....	28
Balanitis	3	....	....	3	Fevers, malarial	370	40	25	435
Bites, dog	21	16	3	40	“ remittent	136	12	1	149
“ horse	1	....	....	1	“ typhoid	4	4	....	8
“ man	1	....	....	1	Foreign bodies rem'vd	30	6	2	38
“ rat	1	....	....	1	Fractures	25	5	2	32
Bronchitis	109	16	1	126	Furuncles	3	....	1	4
Burns	35	5	5	45	Gastralgia	3	11	2	16
Carbuncles	1	....	....	1	Gastritis	38	4	8	50
Catarrh, gastric	4	....	2	6	Gastro-enteritis	24	....	....	24
“ nasal	2	....	....	2	Glaucoma	1	....	....	1
Cellulitis	38	9	11	58	Heart disease, organic	26	....	1	27
Cephalalgia	13	....	....	13	Hemorrhoids	7	5	....	12
Cholera infantum	17	....	....	17	Hemiplegia	2	....	....	2
“ morbus	1	5	....	8	Hepatitis	....	7	....	7
Chorea	1	....	....	1	Hernia	3	....	....	3
Cirrhosis	1	...	....	1	Herpes zoster	1	....	....	1
Clavis	1	....	....	1	Hypochondria	2	....	....	1
Coccydinia	1	....	....	1	Hysteria	3	....	....	3
Concussion of brain	1	1	....	2	Habit, morphine	3	....	....	3
Congestion of lungs	....	2	....	2	Impetigo	1	....	....	1
Conjunctivitis	4	3	....	7	Incontinence urine	....	3	....	3
Constipation	111	8	4	123	Indigestion	1	....	4	5
Convulsions, infantile	....	....	2	2	Inflamation	1	....	....	1
Coryza	....	5	....	5	Insomnia	1	....	....	1
Cystitis	11	....	2	13	Intestinal colic	2	....	....	2
Debility	10	....	2	12	Iritis	....	5	....	5
Dentition	1	....	2	3	La Grippe	12	....	....	12
Dermatitis	8	....	1	9	Laryngitis	2	....	....	2
Diarrhoea	71	17	14	102	Leucorrhoea	1	....	....	1
Dislocations	6	....	2	8	Lipoma	1	....	....	1
Dysentery	35	23	10	68	Locomotor ataxia	2	....	....	2
Dysmenorrhoea	2	....	....	2	Insolations	2	5	1	8
Dyspepsia	16	....	....	16	Lumbago	23	11	10	44
Eczema	15	7	1	23	Mastitis	1	....	....	1
Enteralgia	1	....	....	1	Menopause	1	....	....	1

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Metritis	1	....	....	1	Scabies	4	....	1	5
Metrorrhagia	1	....	....	1	Sciatica	4	....	....	4
Myalgia	2	....	....	2	Scrofula	2	....	....	2
Nephritis	7	....	2	9	Spermatorrhoea	1	....	....	1
Nervous prostration	3	....	1	4	Sprains	39	10	5	54
Neuralgia	30	9	7	46	Stomatitis	4	....	1	5
Neurasthenia	3	....	....	3	Strictures	2	....	....	2
Odontalgia	5	....	....	5	Syncope	1	....	....	1
Oedema	2	....	....	2	Synovitis	2	....	....	2
Orchitis	2	....	....	2	Syphilis	11	2	....	13
Otalgia	1	....	....	1	Taenia solium	3	....	....	3
Otorrhoea	1	....	....	1	Tinea circinati	1	....	....	1
Otitis media	1	....	....	1	Thecitis	3	....	....	3
Ovaritis	4	....	....	4	Tonsilitis	37	5	9	51
Pregnancy	7	....	....	7	Trichiatis	1	....	....	1
Paralysis	4	....	....	4	Thrush	2	....	....	2
Pharyngitis	5	....	....	5	Ulcers	69	22	10	101
Pediculosis	7	....	....	7	Urethritis	2	....	....	2
Pertusis	11	....	....	11	Urticaria	5	....	....	5
Periostitis	3	....	....	3	Uterine	8	....	....	8
Phthisis pulmonalis	12	7	2	21	Vaginitis	1	....	....	1
Pleurisy	18	....	....	18	Varicose veins	1	....	....	1
Pleurodynia	1	....	....	1	Vertigo	1	....	....	1
Pneumonia	24	5	....	29	Varicella	2	....	....	2
Pruritis	1	....	....	1	Whitlow	6	16	....	22
Pulmonary, not defined	4	....	....	4	Wounds, contused	74	12	6	92
Purpura	2	....	....	2	" gunshot	15	7	....	22
Ptyalism	1	....	....	1	" incised	67	16	1	84
Retention urine	6	....	....	6	" lacerated	117	8	3	128
Poisoning, ivy	2	....	....	2	" infected	1	....	....	1
" arsenic	2	....	....	2	" penetrating	3	....	....	3
" morphine	2	....	....	2	" punctured	26	....	10	36
Rhinitis	3	....	1	4	" scalp	137	59	16	212
Rheumatism	115	11	10	136	Internal injuries	1	....	....	1
Rubeola	....	....	1	1					
Salivation	1	....	....	1	Total	2386	495	240	3121

TABLE NO. 4.

JULY, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	30	6	....	36	Cholera infantum	11	....	....	11
Abscesses	32	14	10	62	" morbus	2	10	....	12
Adenitis	11	2	....	13	Colic	4	....	....	4
Alcoholism	18	1	1	20	Congestion of lungs	1	....	....	1
Alleged rape	8	....	....	8	Conjunctivitis	3	3	1	7
Amenorrhoea	....	....	3	3	Constipation	94	17	4	115
Amputations	2	....	2	4	Convulsions, infantile	....	....	2	2
Anaemia	19	....	....	19	Coryza	4	4	....	8
Anchylosis	1	....	....	1	Cystitis	9	....	3	12
Asthma	10	9	2	13	Debility	4	....	3	7
Bites, cat	2	....	....	2	Dentition	....	....	4	4
" dog	23	6	3	32	Dermatitis	9	....	2	11
" insect	6	....	....	6	Diarrhoea	43	19	19	81
" man	8	....	....	8	Diphtheria	3	....	....	3
" rat	3	....	....	3	Dislocations	....	....	1	1
Bronchitis	44	7	4	55	Dysentery	37	5	....	42
Burns	51	4	1	56	Dysmenorrhoea	3	3	....	6
Bursitis	3	....	....	3	Dyspepsia	7	....	....	7
Cancers	....	4	....	4	Eczema	22	4	2	28
Carbuncles	1	1	6	8	Enteralgia	1	....	....	1
Catarrh, gastric	2	....	....	2	Enteritis	32	....	....	32
" nasal	3	....	1	4	Entero-colitis	6	....	....	6
Cellulitis	15	3	1	19	Epididimitis	1	....	....	1
Cephalalgia	9	....	1	10	Epilepsy	10	....	2	12

	Central.	Branch No. 1.	Branch No. 2.	Total.
Epistaxis	1	....	1	2
Erysipelas	....	....	4	4
Excoriations	2	....	2	4
Extraction of teeth	....	25	....	25
Fevers, malarial	472	61	54	587
" remittent	172	4	2	178
" typhoid	6	....	....	6
Foreign body removed	28	10	2	40
Fracture	35	7	1	43
Frost bites	1	....	....	1
Furuncles	3	....	3	6
Gastralgia	2	....	1	3
Gastritis	21	5	84	34
Gastro-enteritis	8	....	3	11
Haematamisis	1	....	....	1
Haemoptysis	4	....	....	4
Heart disease, organic	27	2	....	29
" " functional	....	1	....	1
Hemorrhage	1	....	....	1
Hemorrhoids	6	....	....	6
Hepatitis	....	20	....	20
Herpes zoster	1	....	....	1
Hypochondria	1	....	....	1
Icterus	1	....	....	1
Incontinence urine	2	1	....	3
Indigestion	4	....	1	5
Inflammations	1	....	....	1
Insomnia	4	....	....	4
Intestinal colic	6	....	....	6
Jaundice	2	....	....	2
La Grippe	1	1	....	2
Laryngitis	2	....	....	2
Leucorrhœa	2	....	....	2
Insolations	29	10	8	47
Lumbago	17	2	....	19
Lymphadidimitis	3	....	....	3
Lymphangitis	5	....	....	5
Masturbation	1	....	....	1
Menopause	....	3	....	3
Metrorrhagia	....	6	....	6
Myalgia	2	....	....	2
Nephritis	11	4	2	17
Nervous prostration	....	....	1	1
Neuralgia	40	....	4	44
Neurasthenia	8	....	....	8
Neuritis	1	....	....	1
Neurosis	1	....	....	1
Odontalgia	1	....	....	1
Oedema	1	....	....	1
Ophthalmia	2	....	....	2
Orchitis	1	2	....	3
Otalgia	4	....	....	4
Otitis media	3	....	....	3
Ovaritio	4	....	....	4
Pregnancy	1	....	....	1
Paralysis	5	....	....	5
Pharyngitis	8	2	....	10
Pediculosis	5	....	....	5
Peritonitis	1	....	....	1
Pertusis	8	....	....	8
Periostitis	4	....	....	4
Phthisis pulmonalis	10	8	5	23
Pleurisy	11	....	....	11
Pneumonia	3	1	....	4
Pruritis	2	....	....	2
Pulmonary, not defined	3	....	....	3
Ptyalism	1	....	....	1
Psoriasis	1	....	....	1
Retention urine	5	....	....	5
Poisoning, ivy	10	....	....	10
" arsenic	....	....	1	1
" morphine	....	....	2	2
Rhinitis	....	....	1	1
Rheumatism	92	16	5	113
Rubeola	....	5	....	5
Salivation	2	....	....	2
Scabies	2	1	....	3
Sciatica	3	....	....	3
Scrofula	1	....	....	1
Sprains	16	6	9	31
Stomatitis	2	....	1	3
Synovitis	3	1	....	4
Syphilis	5	....	....	5
Taenia solium	4	....	....	4
Tinea circinati	2	....	....	2
Tonsilitis	21	11	6	38
Trichiatis	2	....	....	2
Ulcer	40	12	14	66
Urethritis	1	....	....	1
Urticaria	2	....	...	2
Vaginitis	2	....	....	2
Varicose veins	1	....	....	1
Vertigo	1	....	....	1
Whitlow	6	7	4	17
Wounds, contused	48	30	16	94
" gunshot	29	9	1	39
" incised	60	39	13	112
" lacerated	138	60	8	206
" infected	1	21	....	22
" punctured	11	6	3	20
" scalps	80	24	25	129
Internal injuries	1	....	...	1
Total	2212	545	289	3046

TABLE NO. 5.

AUGUST, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	5	8	....	13
Abscesses	74	70	29	173
Acne	....	....	1	1
Adenitis	6	....	....	6
Alcoholism	18	5	3	26
Alleged rape	....	....	1	1
Amenorrhoea	....	1	4	5
Amputation	2	....	....	2
Anaemia	9	....	....	9
Anasarca	....	1	....	1
Ascitis	2	....	....	2
Asthma	32	....	2	34
Balinitis	2	....	....	2
Bites, cat	1	....	....	1
" dog	23	2	3	28
" insect	7	....	....	7

	Central.	Branch No. 1.	Branch No. 2.	Total.
Bites, horse	2	....	....	2
“ man	7	....	....	7
“ rat	1	....	....	1
Bronchitis	64	22	10	96
Burns	14	7	8	29
Càncer	2	1	....	3
Carbuncle	5	11	2	18
Catarrh, gastric	4	....	3	7
“ nasal	4	....	....	4
Cellulitis	50	....	3	53
Cephalalgia	13	....	....	13
Cholera infantum	6	....	....	6
Chorea	1	....	....	1
Colic	4	....	....	4
Concussion of brain	....	2	....	2
Conjunctivitis	2	14	1	17
Constipation	148	24	5	177
Convulsions, infantile	....	....	1	1
Coryza	2	....	....	2
Cystitis	9	5	2	16
Debility	5	7	3	15
Dentition	....	5	1	6
Dermatitis	8	....	....	8
Diarrhoea	77	15	17	119
Dislocations	5	....	....	5
Dysentery	45	15	....	60
Dysmenorrhoea	1	....	....	1
Dyspepsia	16	1	....	17
Eczema	11	22	5	38
Endometritis	....	1	....	1
Enteralgia	1	....	....	1
Enteritis	43	....	....	43
Epilepsy	11	1	1	13
Epistaxis	1	....	1	2
Erythema	2	....	....	2
Erysipelas	....	1	2	3
Excoriations	3	....	1	4
Extraction of teeth	1	25	....	26
Fevers, malarial	1390	371	105	1866
“ remittant	24	20	2	46
“ typhoid	....	10	....	10
Foreign body removed	41	3	8	52
Fracture	38	5	2	45
Furuncles	9	....	7	16
Gangrene	1	....	....	1
Gastralgia	3	15	1	19
Gastritis	27	6	10	43
Gastric enteritis	2	....	3	5
Haematoma	1	....	....	1
Hamoptysis	2	....	....	2
Heart disease, organic	30	10	1	41
“ “ funct’n’l	1	2	....	3
Hemorrhage	4	....	....	4
Hemorrhoids	11	2	....	13
Hemiplegia	2	....	....	2
Hepatitis	2	20	. .	22
Hernia	5	....	....	5
Herpes zoster	1	3	....	4
Hypochondria	1	....	....	1
Hysteria	2	....	....	2
Habit, morphine	4	....	....	4
Indigestion	1	....	2	3
Inflammation	1	....	....	1
Insomnia	6	....	....	6
Intestinal colic	9	....	....	9
Jaundice	1	....	...	1
La Grippe	2	....	....	2
Laryngitis	2	....	....	2
Leucorrhoea	....	2	....	2
Insolations	134	25	39	198
Lumbago	10	1	....	11
Lymphangitis	2	1	....	3
Metrorrhagia	....	2	....	2
Myalgia	5	....	....	5
Nephritis	10	1	2	13
Nervous prostration	....	....	1	1
Neuralgia	44	....	1	45
Neurasthenia	4	6	....	10
Neuritis	2	....	....	2
Odontalgia	1	....	....	1
Oedema	3	....	....	3
Ophthalmia	1	....	....	1
Orchitis	2	....	....	2
Otalgia	1	....	....	1
Otitis Media	1	....	....	1
“ externa	1	....	....	1
Paralysis	8	....	....	8
Paresis	1	....	....	1
Pharyngitis	13	....	....	13
Pediculosis	1	....	....	1
Pertuses	5	....	....	5
Periostitis	2	....	....	2
Phthisis pulmonalis	18	1	5	24
Pleurisy	17	1	....	18
Pneumonia	1	....	....	1
Pulmonary, not defin’d	1	....	....	1
Psoriasis	3	....	....	3
Ranula	1	....	....	1
Retention urine	3	1	....	4
Poisoning, ivy	6	....	....	6
“ arsenic	....	4	2	6
“ morphine	2	2	2	6
“ opium	2	....	....	2
Rhinitis	....	....	1	1
Rheumatism	95	15	8	118
Salivation	3	....	....	3
Scabies	5	....	2	7
Scalds	2	....	....	2
Sciatica	1	....	....	1
Scrofula	2	....	....	2
Sprains	21	2	7	30
Stomatitis	4	....	2	6
Stricture	2	....	....	2
Syncope	2	....	....	2
Synovitis	....	1	....	1
Syphilis	12	....	....	12
Taenia solium	1	....	....	1
Tinea circinati	5	....	....	5
Tonsilitis	19	10	7	36
Ulcer	56	7	7	70
Urithritis	2	....	....	2
Urticaria	4	....	....	4
Uterine	6	....	....	6
Vaginitis	3	....	....	3
Vertigo	2	....	....	2
Whitlow	6	5	2	13
Wounds, contused	79	34	20	133
“ gunshot	9	5	....	14
“ incised	62	17	12	91
“ lacerated	137	50	18	205
“ infected	1	42	....	43
“ penetrating	1	....	....	1
“ punctured	15	15	12	42
“ scalp	110	31	17	158
Total	3344	1024	417	4785

TABLE NO. 6.

SEPTEMBER, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	20	11	....	31
Abscesses	33	28	26	87
Adenitis	2	....	....	2
Alcoholism	13	3	4	20
Alleged rape	6	....	....	6
Amenorrhoea	17	2	2	21
Anasarca	....	2	....	2
Anchylosis	1	....	....	1
Angina	2	....	....	2
Asthma	15	....	1	16
Balanitis	2	....	....	2
Bites, dog	11	3	7	21
" man	2	....	....	2
Bronchitis	101	7	5	113
Burns	9	9	8	26
Bursitis	1	....	....	....
Carbuncle	3	4	6	13
Catarrh, gastric	3	....	1	4
Cellulitis	43	9	2	54
Cephalalgia	15	....	1	16
Cholera infantum	....	3	....	3
Colic	7	....	....	7
Conjunctivitis	4	12	....	16
Constipation	109	18	3	130
Convulsions, infantile	....	....	5	5
Coryza	5	....	....	5
Cystitis	8	3	....	11
Debility	....	....	3	3
Dentition	....	....	7	7
Dermatitis	8	....	....	8
Diarrhoea	40	30	23	93
Diphtheria	4	....	....	4
Dislocations	1	....	3	4
Dysentery	19	22	....	41
Dyspepsia	16	....	....	16
Eczema	12	10	5	27
Endocarditis	1	....	....	1
Enteralgia	4	....	....	4
Enteritis	33	....	....	33
Enlarged glands	3	....	....	3
Epilepsy	13	....	3	16
Erysipelas	1	1	....	2
Extraction of teeth	2	16	....	18
Fevers, malarial	1030	160	68	1258
" remittent	40	9	....	49
" typhoid	1	....	....	1
Foreign body removed	26	5	10	41
Fracture	33	4	....	37
Furuncles	4	....	....	4
Gastralgia	3	12	....	15
Gastritis	21	9	3	33
Gastro-enteritis	1	....	....	1
Heart disease, organic	14	3	....	17
" " funct'l.	6	2	....	8
Hemorrhage	2	....	....	2
Hemorrhoids	2	....	....	2
Hemiplegia	1	....	....	1
Hepatitis	....	15	....	15
Hernia	1	....	....	1
Herpes zoster	6	2	....	8
Hydrocele	2	....	....	2
Habit, morphine	4	....	....	4
Incontinence urine	1	....	....	1
Indigestion	1	....	2	3
Insomnia	2	...	....	2
Intestinal colic	3	....	....	3
Jaundice	1	....	....	1
La Grippe	1	....	....	1
Leucorrhoea	....	3	....	3
Lipoma	1	....	....	1
Insolations	....	14	....	14
Lumbago	14	....	....	14
Menopause	1	....	....	1
Menorrhagia	1	....	....	1
Metrorrhagia	....	2	....	2
Myalgia	4	....	....	4
Nephritis	6	3	....	9
Neuralgia	21	....	5	26
Neurasthenia	6	7	....	13
Oedema	1	....	....	1
Otalgia	....	6	....	6
Otitis media	1	....	...	1
Ovaritis	1	....	..	1
Preguancy	1	....	....	1
Paralysis	6	. .	....	6
Pharyngitis	13	....	....	13
Pediculosis	3	....	....	3
Pertusis	5	....	....	5
Periostitis		....	....	2
Phthisis pulmonalis	17	....	....	17
Pleurisy	8	6	....	14
Pneumonia	1	....	....	1
Proctitis	2	....	....	2
Pulmonary, not defined	5	....	....	5
Ptylism	2	....	....	2
Retention urine	1	3	....	4
Poisoning, arsenic	....	....	3	3
" lead	2	....	....	2
" morphine	1	....	6	9
Rheumatism	90	9	11	110
Salivation	1	1	....	2
Scabies	....	....	1	1
Scalds	1	....	....	1
Sciatica	4	....	....	4
Scrofula	2	....	....	2
Spermatorrhoea	1	....	....	1
Sprains	13	....	2	15
Stomatitis	1	....	....	1
Syncope	1	....	....	1
Synovitis	3	....	....	3
Syphilis	5	....	....	5
Taenia solium	3	....	....	3
Tinea circinati	1	....	....	1
Tonsilitis	35	6	12	53
Thrush	1	....	....	1
Tumor	1	....	....	1
Ulcer	42	9	11	62
Urticaria	4	....	....	4
Vaccinia	1	....	....	1
Vaginitis	1	....	....	1
Varicella	11	....	....	11
Whitlow	20	6	....	26
Wounds, contused	27	23	4	54
" gunshot	14	1	....	15
" incised	36	....	3	39
" lacerated	109	53	4	166
" infected	2	18	....	20
" penetrating	2	....	....	2
" punctured	10	7	6	23
" scalp	101	23	41	165
Total	2464	614	310	3388

TABLE NO. 7.

OCTOBER, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	21	....	....	21	Habit, morphine	2	....	....	2
Abscesses	21	....	10	31	Icterus	1	....	....	1
Adenitis	2	....	....	2	Incontinence urine	1	....	....	1
Alcoholism	23	1	7	31	Indigestion	4	....	....	4
Alleged rape	4	....	....	4	Intestinal colic	2	....	....	2
Amenorrhoea	6	....	....	6	Jaundice	1	....	....	1
Anaemia	1	....	....	1	La Grippe	2	....	....	2
Anasarca	....	6	....	6	Laryngitis	1	....	....	1
Anchylosis	2	....	....	2	Lumbago	22	3	....	25
Asthma	27	13	....	40	Lymphangitis	3	....	....	3
Bites, dog	14	1	4	19	Masturbation	1	....	....	1
" insect	1	....	....	1	Melancholia	1	....	....	1
" horse	2	....	....	2	Menopause	....	1	....	1
" man	1	....	....	1	Menorrhagia	2	....	....	2
" rat	1	....	....	1	Myalgia	2	....	....	2
Bronchitis	165	20	6	191	Necrosis	1	....	....	1
Burns	13	9	1	23	Nephritis	14	2	2	18
Cancer	1	....	....	1	Nervous prostration	....	....	1	1
Carbuncle	3	....	1	4	Neuralgia	25	5	4	34
Catarrh, gastric	2	....	....	2	Neurasthenia	7	....	....	7
" nasal	7	....	....	7	Odontalgia	2	....	....	2
Cellulitis	16	12	....	28	Onychia	1	....	....	1
Cephalalgia	11	....	....	11	Orchitis	1	....	....	1
Colic	2	....	....	2	Ovaritis	1	....	....	1
Concussion of brain	1	....	....	1	Pregnancy	1	....	....	1
Conjunctivitis	3	4	2	9	Paralysis	4	....	....	4
Constipation	93	8	5	106	Pharyngitis	7	4	....	11
Coryza	1	....	....	1	Pediculosis	1	....	....	1
Cystitis	13	....	1	14	Pertusis	....	1	....	1
Debility	2	5	....	7	Periostitis	....	2	....	2
Dentition	....	1	3	4	Phimosis	....	2	....	2
Dermatitis	4	....	2	6	Phthisis pulmonary	3	7	2	12
Diarrhoea	44	6	16	66	Pleurisy	16	....	....	16
Dislocations	2	....	4	6	Pneumonia	1	....	....	1
Dysentery	13	14	....	27	Pruritis	1	....	....	1
Dysmenorrhoea	....	1	....	1	Ptyalism	3	....	....	3
Dyspepsia	19	4	....	23	Rachitis	1	....	....	1
Eczema	7	18	3	28	Retention urine	1	....	....	1
Endo-carditis	....	4	....	4	Poisoning, ivy	1	....	....	1
Enteritis	15	....	....	15	" chloroform.	1	....	....	1
Entero-colitis	1	....	....	1	" morphine	2	....	2	4
Enlarged glands	....	1	....	1	Rhinitis	....	....	2	2
Epididimitis	1	....	....	1	Rheumatism	86	12	7	105
Epilepsy	12	6	1	19	Salivation	1	6	....	7
Epistaxis	1	2	....	.3	Scabies	3	....	1	4
Erysipelas	1	....	....	1	Sciatica	1	....	....	1
Excoriations	4	....	2	6	Septicaemia	1	....	....	1
Extraction of teeth	2	23	....	25	Sprains	23	....	3	26
Fevers, malarial	690	127	66	883	Stomatitis	3	....	....	3
" remittent	74	5	10	89	Synovitis	1	....	....	1
" typhoid	7	..	....	7	Syphilis	7	....	....	7
Foreign body removed	3	20	....	23	Taenia solium	1	....	....	1
Fracture	33	2	5	40	Thecitis	1	....	....	1
Furuncle	4	....	....	4	Tonsilitis	25	12	3	40
Gastralgia	5	12	....	17	Tumor	3	....	....	3
Gastritis	31	5	1	37	Ulcer	38	28	12	78
Gastro-enteritis	1	....	1	2	Urticaria	1	....	....	1
Haemoptysis	....	1	....	1	Uterine	....	2	....	2
Heart disease, organic.	18	1	3	22	Vaccinia	3	....	....	3
" " funct'l	3	7	....	10	Vaginitis	3	....	....	3
Hemorrhage	3	....	....	3	Varicocele	1	....	....	1
Hemorrhoids	2	....	....	2	Varicose veins	2	....	....	2
Hepatitis	....	10	....	10	Vertigo	4	....	....	4
Herpes zoster	3	....	....	3	Varicella	1	....	....	1
Hydrocele	1	....	....	1	Whitlow	13	11	4	28

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Wounds, contused....	50	3	13	66	Wounds, punctured...	14	....	8	22
" gunshot.....	8	1	3	12	" scalp........	103	16	25	144
" incised......	63	14	4	81	Internal injuries......	2	....	....	2
" lacerated....	98	38	14	150					
" infected.....	2	....	....	2	Total	2165	520	264	2949

TABLE NO. 8.

NOVEMBER, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions............	9	8	....	17	Heart disease, organic.	16	....	5	21
Abscesses............	11	3	1	15	Hemorrhage..........	1	....	....	1
Acne................	2	....	....	2	Hemorrhoids	....	2	....	2
Adenitis.............	1	....	....	1	Hepatitis............	....	1	....	1
Alcoholism...........	10	1	....	11	Hernia...............	3	....	....	3
Amenorrhoea.........	....	1	....	1	Herpes zoster.........	....	1	....	1
Anaemia..............	1	1	....	2	Hysteria.............	6	1	....	7
Asthma	17	14	1	32	Habit, morphine......	2	....	....	2
Bites, dog...........	5	11	2	18	Icterus	2	....	....	2
" horse..........	1	....	....	1	Indigestion...........	4	....	2	6
" man...........	2	....	....	2	Inflammation	1	....	....	1
" rat	2	....	....	2	Insomnia.............	2	....	....	2
Bronchitis...........	157	41	8	206	Jaundice.............	8	....	....	8
Burns................	5	6	....	11	Laryngitis...........	2	....	....	2
Carbuncle.....	2	...	2	4	Leucorrhoea..........	....	3	....	3
Cellulitis............	11	....	6	17	Lipoma..............	1	....	....	1
Cephalalgia	13	....	2	15	Lumbago............	10	3	....	13
Cholera Infantum.....	1	....	....	1	Lymphangitis.........	2	2	....	4
Colic................	1	....	...	1	Mastitis	1	....	....	1
Concussion of brain..	....	2	...	2	Metrorrhagia	....	1	....	1
Congestion of lungs..	....	1	....	1	Myalgia	6	....	....	6
Conjunctivitis........	....	1	....	1	Nephritis.............	14	....	2	16
Constipation	50	6	3	59	Neuralgia............	16	....	3	19
Convulsions infantile.	....	....	1	1	Neurasthenia	6	....	....	6
Cystitis..............	18	2	3	23	Orchitis	1	....	....	1
Debility	....	....	1	1	Ovaritis	1	....	....	1
Dentition	....	....	3	3	Pyrosis..............	1	....	....	1
Dermatitis	7	....	....	7	Pregnancy............	1	....	....	1
Diarrhoea............	40	5	6	51	Paralysis	3	....	....	3
Diphtheria...........	1	....	....	1	Pharyngitis...........	1	....	....	1
Dislocations..........	3	....	....	3	Pediculosis...........	2	....	....	2
Dysentery............	10	7	....	17	Pertusis..............	2	....	....	2
Dyspepsia............	8	....	....	8	Periostitis............	....	1	....	1
Eczema	4	7	3	14	Phthisis pulmonalis...	4	1	2	7
Endo-metritis.........	1	....	....	1	Pleurisy..............	8	1	....	9
Enteralgia	3	....	....	3	Pneumonia...........	2	1	....	3
Enteritis	16	....	....	16	Ptyalism.............	5	....	....	5
Enlarged glands......	....	1	....	1	Retention urine.......	5	....	....	5
Epilepsy..............	7	....	1	8	Poisoning, ivy........	1	....	....	1
Epistaxis.............	1	....	....	1	" arsenic....	....	1	....	1
Erysipelas...........	....	....	1	1	" morphine..	....	....	1	1
Excoriations..........	....	....	1	1	Rheumatism..........	71	5	5	81
Extraction of teeth...	2	20	....	22	Scabies	....	....	2	2
Fevers, malarial......	427	74	15	516	Scalds	1	....	....	1
" remittent.....	58	1	1	60	Seborrhoea...........	1	....	....	1
" typhoid	12	....	....	12	Septicaemia	1	....	....	1
Fistula..............	1	....	....	1	Sprains..............	25	1	2	28
Foreign body removed	9	5	6	20	Stricture.............	2	....	....	2
Fracture.............	23	9	4	36	Syphilis	6	....	....	6
Furuncle.............	8	....	4	12	Thecitis	1	....	....	1
Gastralgia............	4	1	....	5	Tonsilitis............	22	4	4	30
Gastritis.............	16	1	5	21	Tumor...............	1	....	....	1
Gastro-enteritis	1	....	....	1	Ulcer................	19	8	10	37
Haematamisis	2	....	....	2	Uraemia.............	1	....	....	1
Haemoptysis..........	....	2	....	2	Urticaria.............	1	....	....	1

	Central.	Branch No. 1.	Branch No. 2.	Total.
Vaccinia	....	2	....	2
Varicocele	2	....	....	2
Vertigo	2	....	....	2
Whitlow	6	1	7	14
Wounds, contused	27	22	8	57
“ gunshot	20	14	1	35
“ incised	48	23	5	76
Wounds, lacerated	109	18	10	137
“ infected	4	10	....	14
“ punctured	10	1	4	15
“ scalp	142	14	8	164
Internal injuries	1	....	....	1
Total	1646	373	161	2180

TABLE NO. 9.

DECEMBER, 1896.

	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	5	10	....	15
Abscesses	13	2	....	15
Acne	2	....	....	2
Adenitis	2	1	....	3
Alcoholism	22	3	5	30
Alleged rape	3	....	....	3
Anaemia	1	....	....	1
Asthma	23	5	1	29
Bites, cat	1	....	....	1
“ dog	9	8	4	21
“ rat	1	....	....	1
Bronchitis	271	15	10	296
Burns	10	3	....	13
Bursitis	2	....	....	2
Carbuncle	10	....	....	10
Catarrh, nasal	17	....	....	17
Cellulitis	17	....	1	18
Cephalagia	8	....	1	9
Cholera infantum	1	....	....	1
Chorea	1	....	....	1
Colic	2	....	....	2
Concussion of brain	....	2	....	2
Conjunctivitis	2	....	2	4
Constipation	92	10	5	107
Convulsions, infantile	1	....	5	6
Coryza	3	16	....	19
Cystitis	16	....	....	16
Debility	4	1	....	5
Dentition	....	1	....	1
Dermatitis	4	....	....	4
Diarrhoea	38	5	6	49
Diphtheria	2	....	....	2
Dislocations	6	1	3	10
Dysentery	7	1	....	8
Dysmenorrhoea	....	1	....	1
Dyspepsia	7	....	....	7
Eczema	9	6	2	17
Endo-carditis	1	....	....	1
“ metritis	1	5	....	6
Enteralgia	1	....	....	1
Enteritis	5	....	....	5
Epididimitis	1	....	....	1
Epilepsy	23	....	4	27
Erythema	1	....	....	1
Erysipelas	2	1	....	3
Excoriations	1	....	....	1
Extraction of teeth	....	10	....	10
Fevers, malarial	593	54	46	693
“ remittent	18	....	....	18
“ typhoid	1	....	....	1
Foreign body removed	12	5	....	17
Fracture	20	6	5	31
Furuncles	2	....	....	2
Gastralgia	7	2	1	10
Gastritis	24	3	....	27
Gastro-enteritis	1	....	....	1
Haematoma	2	....	....	2
Haemoptysis	2	1	....	3
Heart disease, organic	26	3	1	30
Hemorrhoids	5	1	....	6
Hepatitis	1	2	....	3
Herpes zoster	2	....	....	2
Hysteria	3	....	....	3
Habit, morphine	1	....	....	1
Incontinence urine	1	....	....	1
Indigestion	7	....	3	10
Insomnia	3	....	....	3
Intestinal colic	4	....	....	4
Jaundice	9	....	....	9
La grippe	7	1	....	8
Laryngitis	1	....	....	1
Leucorrhoea	....	2	....	2
Lumbago	22	3	....	25
Lymphangitis	2	1	....	3
Mammitis	1	....	....	1
Menorrhagia	1	....	....	1
Metrorrhagia	1	....	....	1
Myalgia	4	....	....	4
Nausea	1	....	....	1
Nephritis	25	2	2	29
Nervous prostration	....	....	3	3
Neuralgia	21	6	4	31
Neurasthenia	9	....	....	9
Odontalgia	3	....	....	3
Orchitis	1	....	....	1
Otalgia	4	....	....	4
Ovaritis	2	....	....	2
Pregnancy	1	....	....	1
Paralysis	6	....	....	6
Parodiditis	4	....	....	4
Pharyngitis	12	....	....	12
Pediculosis	1	....	....	1
Pertusis	5	1	....	6
Periostitis	2	1	....	3
Phlebitis	1	....	....	1
Phthisis pulmonalis	7	2	2	11
Pleurisy	19	....	....	19
Pneumonia	19	3	....	22
Pruritis	2	....	....	2
Pulmonary, not defined	4	....	....	4
Ptyalism	6	....	....	6
Retention urine	3	....	....	3
Poisoning, arsenic	1	....	....	1
“ morphine	2	....	1	3
Rheumatism	94	6	5	105
Rubeola	....	....	1	1

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Scabies	2	....	....	2	Uterine	....	1	....	1
Scalds	1	....	....	1	Vaccinia	....	1	....	1
Sciatica	5	....	....	5	Vertigo	4	....	....	4
Seborrhoea	3	....	....	3	Varicella	1	....	....	1
Septicaemia	1	....	....	1	Whitlow	9	1	....	10
Sprains	22	4	1	27	Wounds, contused	50	4	13	67
Stomatitis	....	....	3	3	" gunshot	22	5	3	30
Synovitis	1	1	....	2	" incised	28	5	4	37
Syphilis	5	....	....	5	" lacerated	122	18	10	150
Taenia solium	1	....	....	1	" infected	....	8	....	8
Thecitis	4	....	....	4	" penetrating	3	....	....	3
Tonsilitis	47	12	6	65	" punctured	12	....	....	12
Ulcer	33	17	6	56	" scalp	101	25	23	149
Urethritis	6	....	....	6					
Urticaria	4	....	....	4	Total	2172	319	188	2679

TABLE NO. 10.

JANUARY, 1897.

	Central.	Branch No. 1.	Branch No. 2.	Total.		Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	5	8	....	13	Fracture	18	4	6	28
Abscesses	9	5	12	26	Furuncles	2	....	1	3
Acne	1	....	....	1	Gastralgia	7	4	5	16
Adenitis	2	....	....	2	Gastritis	21	....	2	23
Alcoholism	6	2	....	8	Gingivitis	1	....	....	1
Alleged rape	4	....	....	4	Haemoptysis	....	1	....	1
Amenorrhoea	2	....	4	6	Heart disease, organic	7	....	3	10
Anaemia	9	2	....	11	Hemorrhoids	4	1	....	5
Asthma	24	3	9	28	Hemiplegia	4	4	....	8
Bites, dog	9	3	3	15	Hepatitis	1	12	....	13
" man	2	....	....	2	Hernia	1	....	....	1
Bronchitis	456	12	29	497	Hysteria	8	3	....	11
Burns	12	1	7	20	Hydrocele	1	....	....	1
Carbuncle	7	....	3	10	Habit, morphine	2	....	....	2
Catarrh, gastric	2	....	....	2	" cocaine	1	....	....	1
" nasal	2	....	....	2	Icterus	1	....	....	1
Cellulitis	2	....	3	5	Incontinence urine	1	....	....	1
Cephalalgia	12	....	1	13	Indigestion	2	....	2	4
Chorea	1	....	....	1	Insomnia	3	....	....	3
Colic	1	....	....	1	Intestinal colic	3	....	....	3
Conjunctivitis	2	2	....	4	Jaundice	3	....	....	3
Constipation	145	10	6	161	La Grippe	19	2	....	21
Convulsions, infantile	1	....	1	2	Laryngitis	2	....	....	2
Coryza	3	7	....	20	Leucorrhoea	1	....	....	1
Cystitis	16	....	1	17	Lumbago	19	2	....	21
Debility	1	....	4	5	Lymphangitis	....	3	....	3
Dermatitis	1	....	....	1	Menorrhagia	1	....	....	1
Diarrhoea	41	....	8	49	Miscarriage	1	....	....	1
Dislocations	4	....	....	4	Myalgia	2	....	....	2
Dysentery	3	13	....	16	Nephritis	19	2	....	21
Dysmenorrhoea	1	3	....	4	Nervous prostration	1	....	....	1
Dyspepsia	11	....	....	11	Neuralgia	34	2	1	37
Eczema	6	11	1	18	Neurasthenia	4	....	....	4
Empyema	6	....	....	6	Odontalgia	4	....	....	4
Endo-carditis	....	2	....	2	Oedema	2	....	....	2
Enteralgia	2	....	....	2	Orchitis	1	2	...	3
Enteritis	7	....	....	7	Otorrhoea	2	....	....	2
Epilepsy	24	2	....	26	Ovaritis	2	....	....	2
Epistaxis	1	....	....	1	Paralysis	2	....	....	2
Excoriations	....	....	2	2	Pharyngitis	5	....	....	5
Extraction of teeth	3	23	....	26	Pertusis	4	2	....	6
Fevers, malarial	410	27	20	457	Phthisis pulmonalis	5	3	16	24
" remittent	92	13	....	105	Pleurisy	8	1	....	9
" typhoid	14	....	....	14	Pneumonia	12	....	....	12
Foreign body removed	18	15	9	42	Pruritis	5	....	....	5

	Central.	Branch No. 1.	Branch No. 2.	Total.
Pulmonary, not defined	3	....	....	3
Ptyalism	12	....	....	12
Plumbism	4	....	....	4
Retention urine	2	....	....	2
Poisoning, morphine	1	1	3	5
Rhinitis	....	....	7	7
Rheumatism	89	4	7	100
Salivation	1	5	....	6
Scabics	4	....	3	7
Sciatica	4	....	....	4
Seborrhoea	3	....	....	3
Sprains	17	8	5	30
Stomatitis	2	....	1	3
Stricture	1	....	....	1
Singultus	2	....	....	2
Synovitis	4	....	....	4
Syphilis	6	....	....	6
Taenia solidumia	1	....	....	1
Tinea circinati	1	....	....	1
Thecitis	6	....	....	6
Tonsilitis	39	7	17	63
Tongue-tie	1	....	....	1
Trachitis	1	....	....	1
Ulcer	17	25	8	40
Urethritis	2	....	....	2
Urticaria	4	....	....	4
Uterine	3	5	....	8
Whitlow	18	....	6	24
Wounds, contused	22	6	19	47
" gunshot	14	5	1	20
" incised	30	10	12	52
" lacerated	88	17	4	109
" infected	6	....	....	6
" penetrating	3	....	....	3
" punctured	4	....	15	19
" scalp	116	14	13	143
Total	2,157	309	280	2,746

TABLE NO. 11.

FEBRUARY, 1897.

	Central.	Branch No. 1.	Branch No. 2.	Total.
Abrasions	6	3	....	9
Abscesses	14	2	9	25
Acne	7	....	1	8
Adenitis	4	....	....	4
Alcoholism	16	3	2	21
Alleged rape	1	....	....	1
Amenorrhoea	1	....	....	1
Anaemia	12	....	....	12
Ascitis	1	....	....	1
Asthma	20	5	1	26
Bites, dog	14	8	4	26
" man	2	....	....	2
Bronchitis	564	14	40	621
Burns	13	3	4	20
Cancer	1	....	....	1
Carbuncle	....	....	1	1
Catarrh, gastric	2	....	....	2
" nasal	....	....	5	5
Cellulitis	4	3	2	9
Cephalalgia	25	....	2	27
Chorea	1	....	....	1
Colic	6	....	....	6
Conjunctivitis	3	6	1	10
Constipation	173	20	10	203
Convulsions, infantile	2	....	....	2
Coryza	13	21	....	34
Cystitis	11	....	3	14
Debility	3	....	....	3
Dermatitis	7	....	....	7
Diabetes	1	....	....	1
Diarrhoea	56	....	15	71
Dislocations	13	3	1	17
Dysentery	6	12	....	18
Dysmenorrhoea	6	5	....	11
Dyspepsia	9	....	....	9
Eczema	5	17	3	25
Empyema	3	....	....	3
Endo-carditis	4	....	....	4
" metritis	....	4	....	4
Entralgia	7	....	....	7
Enteritis	10	....	....	10
Enlarged glands	....	8	....	8
Epilepsy	25	1	....	26
Epistaxis	1	....	....	1
Erysipelas	2	....	....	2
Excoriations	....	....	1	1
Extraction of teeth	....	20	....	20
Fevers, malarial	720	28	23	771
" remittent	23	10	....	33
" typhoid	6	....	....	6
Foreign body removed	14	18	2	34
Fracture	19	1	1	21
Frost bite	6	....	....	6
Furuncle	3	....	1	4
Gastralgia	5	2	1	8
Gastritis	21	12	3	36
Haemoptysis	1	....	....	1
Heart disease, organic	18	....	....	18
Hemorrhage	1	....	....	1
Hemorrhoids	2	2	....	4
Hemiplegia	1	3	....	4
Herpes zoster	2	....	....	2
Hypochondria	1	....	....	1
Hysteria	11	....	....	11
Habit, morphine	1	....	....	1
Icterus	1	....	....	1
Indigestion	4	....	3	7
Insomnia	5	....	....	5
Intestinal colic	1	....	....	1
La Grippe	50	7	....	57
Laryngitis	9	....	....	9
Leucorrhoea	3	....	....	3
Lumbago	20	3	....	23
Lymphangitis	....	2	....	2
Menopause	4	3	....	7
Menorrhagia	4	....	....	4
Migrane	1	....	....	1
Myalgia	15	....	....	15
Necrosis	2	....	....	2
Nephritis	22	3	....	25

	Central.	Branch No. 1.	Branch No. 2.	Total.
Neuralgia	19	6	5	30
Odontalgia	7	....	....	7
Otitis, media	1	....	....	1
Ovaritis	2	....	....	2
Pregnancy	1	....	....	1
Paralysis	1	....	....	1
Parodiditis	3	....	....	3
Pharyngitis	4	....	....	4
Pediculosis	6	....	....	6
Peritonitis	1	....	....	1
Pertusis	3	6	....	9
Phthisis pulmonalis	15	4	....	19
Pleurisy	11	4	....	15
Pleurodynia	1	....	....	1
Pneumonia	75	3	....	78
Proctitis	1	....	....	1
Prostitis	1	....	....	1
Ptyalism	6	....	....	6
Pyrosis	3	....	....	3
Poisoning, arsenic	....	....	1	1
" morphine	....	....	2	2
" opium	....	....	1	1
Rhinitis	....	....	1	1
Rheumatism	147	9	16	172
Rubeola	3	....	....	3
Scabies	2	....	....	2
Sciatica	1	....	....	1
Scrofula	3	....	....	3
Seborrhoea	1	....	....	1
Septicaemia	2	....	....	2
Sprains	18	9	4	31
Synovitis	3	....	....	3
Syphilis	6	....	....	6
Taenia solium	5	....	....	5
Tonsilitis	43	4	9	56
Trachitis	1	....	....	1
Tumor	1	....	....	1
Ulcer	17	10	9	36
Urticaria	3	....	....	3
Uterine	7	2	....	9
Vaccinia	3	2	....	5
Vaginitis	2	....	....	2
Vertigo	2	....	....	2
Varicella	1	....	....	1
Whitlow	11	....	3	14
Wounds, contused	19	16	14	49
" gunshot	16	7	....	23
" incised	28	13	3	44
" lacerated	90	23	18	131
" infected	1	....	....	1
" punctured	4	5	3	12
" scalp	60	12	21	93
Total	2730	391	249	3370

TABLE NO. 12.

MARCH, 1897.

	Central.	Branch No. 1.	Branch No. 2.	Total.
Abortion	1	....	....	1
Abrasion	6	10	....	16
Abscesses	30	....	4	34
Acne	3	....	....	3
Adenitis	1	2	....	3
Alcoholism	15	1	....	16
Alleged rape	3	....	....	3
Amenorrhoea	3	1	2	6
Amputation	1	....	....	1
Anaemia	8	2	....	10
Apoplexy	1	....	....	1
Appendicitis	....	1	....	1
Ascitis	1	....	....	1
Asthma	10	2	1	13
Balanitis	1	....	....	1
Bites, cat	1	....	....	1
" dog	15	3	4	22
" horse	1	....	....	1
" man	9	....	....	9
Bronchitis	686	56	31	773
Burns	17	5	2	24
Cancer	....	1	....	1
Carbuncle	6	....	2	8
Caries	1	....	....	1
Catarrh, gastric	1	....	....	1
" nasal	5	....	....	5
Cellulitis	4	....	....	4
Cephalalgia	25	....	6	31
Cholera infantum	2	2	....	4
Chorea	2	....	....	2
Clavis	1	....	....	1
Colic	2	....	....	2
Concussion of brain	....	1	....	1
Conjunctivitis	12	3	6	21
Constipation	223	21	8	252
Convulsions, infantile	....	....	1	1
Coryza	10	2	....	12
Cystitis	25	....	2	27
Debility	4	....	1	5
Dentition	....	....	4	4
Dermatitis	2	....	....	2
Diabetes	1	....	....	1
Diarrhoea	48	6	12	66
Diphtheria	1	....	....	1
Dislocations	2	....	1	3
Dysentery	9	3	....	12
Dysmenorrhoea	2	1	....	3
Dyspepsia	15	....	....	15
Eczema	4	10	6	20
Empyema	1	....	....	1
Endo-carditis	....	4	....	4
Enteralgia	6	....	....	6
Enteritis	9	....	....	9
Enlarged glands	....	2	....	2
Epilepsy	20	....	2	22
Epistaxis	7	....	....	7
Erythema	1	....	....	1
Erysipelas	1	....	3	4
Excoriations	3	....	1	4
Extraction of teeth	1	27	....	28
Fevers, malarial	847	75	40	962
" remittent	39	2	4	45
" typhoid	8	....	....	8
Fistula	1	....	....	1
Foreign body removed	7	9	....	16
Fracture	25	5	4	34

	Central.	Branch No. 1.	Branch No. 2.	Total.
Furuncles	2	....	1	3
Gastralgia	6	2	3	11
Gastritis	22	11	1	34
Gastro-enteritis	1	....	....	1
Heart disease, organic	6	....	7	13
" " functional	2	....	....	2
Hemorrhage	3	....	....	3
Hemorrhoids	3	1	....	4
Hepatitis	1	4	....	5
Hernia	1	....	....	1
Herpes zoster	2	....	....	2
Hysteria	2	....	....	4
Habit, morphine	3	....	....	3
Incontinence urine	1	1	....	2
Indigestion	4	....	4	8
Insomnia	5	....	....	5
Jaundice	4	....	....	4
La Grippe	28	23	....	51
Laryngitis	4	....	....	4
Leucorrhoea	....	1	....	1
Lumbago	31	....	....	31
Lymphadidimitis	1	....	....	1
Miscarriage	1	....	....	1
Myalgia	19	....	...	19
Nausea	1	....	....	1
Nephritis	34	2	3	39
Nervous prostration	....	....	1	1
Neuralgia	25	1	2	28
Neurasthenia	10	1	....	11
Neuritis	1	....	....	1
Odontalgia	1	....	....	1
Oedema	1	....	....	1
Orchitis	2	....	....	2
Otalgia	5	....	....	5
Otitis media	1	....	....	1
Pyrosis	1	....	....	1
Paralysis	1	....	....	1
Parodiditis	6	....	....	6
Paronychia	1	....	....	1
Pharyngitis	12	....	....	12
Pediculosis	1	....	....	1
Pertusis	7	1	....	8
Periostitis	3	....	....	8
Phimosis	....	1	....	1

	Central.	Branch No. 1.	Branch No. 2.	Total.
Phthisis pulmonalis	35	2	5	42
Pleurisy	15	2	....	17
Pneumonia	19	....	....	19
Prostitis	1	....	....	1
Pulmonary, not defined	1	....	....	1
Ptyalism	16	....	....	16
Pyrosis	2	....	....	2
Retention urine	1	3	....	4
Poisoning, arsenic	1	....	....	1
" morphine	1	1	2	4
Rhinitis	....	....	2	2
Rheumatism	126	15	4	145
Rubeola	2	....	....	2
Salivation	1	4	....	5
Scabies	6	....	1	7
Sciatica	2	....	....	2
Scrofula	3	....	....	3
Seborrhoea	2	....	....	2
Septicaemia	2	....	....	2
Sprains	55	5	5	65
Stomatitis	8	....	1	9
Stricture	3	....	....	3
Singultus	3	....	....	3
Synovitis	7	....	....	7
Syphilis	18	....	....	18
Taenia solium	4	....	....	4
Thecitis	1	....	....	1
Tonsilitis	54	5	5	64
Ulcer	29	9	7	45
Urticaria	8	....	....	8
Uterine	14	1	....	15
Varicose veins	1	....	....	1
Varicella	1	....	....	1
Whitlow	5	....	6	11
Wounds, contused	47	13	10	70
" gunshot	19	1	5	25
" incised	24	14	....	38
" lacerated	86	13	8	107
" infected	4	13	....	17
" penetrating	3	....	....	3
" punctured	24	6	7	37
" scalps	77	29	11	117
Total	3194	422	248	3884

TABLE NO. 13.

APRIL 1ST, 1896, TO MARCH 30TH, 1897.

	Central.	Branch No. 1.	Branch No. 2.	Total.
Abortion	1	....	....	1
Abrasion	193	112	....	305
Abscesses	283	150	124	557
Acne	18	....	7	25
Adenitis	36	6	....	42
Alcoholism	181	27	29	237
Alleged rape	32	....	1	33
Amenorrhoea	31	6	20	57
Amputations	8	....	2	10
Anaemia	81	5	....	86
Anasarca	1	11	....	12
Anchylosis	6	....	....	6
Angina pectoris	2	....	....	2
Apoplexy	1	....	....	1
Appendicitis	....	1	....	1
Ascarides	1	....	....	1

	Central.	Branch No. 1.	Branch No. 2.	Total.
Ascitis	4	....	....	4
Asthma	205	66	40	311
Balanitis	8	....	....	8
Bites, cat	5	....	....	5
" dog	174	79	50	303
" insect	15	....	....	15
" horse	7	....	....	7
" man	38	....	....	38
" rat	9	....	....	9
Bronchitis	2936	247	148	3331
Burns	214	79	46	339
Bursitis	7	....	....	7
Cancers	5	8	....	13
Carbuncles	41	22	27	90
Caries	2	....	....	2
Catarrh, gastric	20	....	7	27

	Central.	Branch No. 1.	Branch No. 2.	Total.
Catarrh, nasal	41	....	7	48
Cellulitis	244	40	47	331
Cephalalgia	177	....	17	194
Cholera infantum	42	5	....	47
" morbus	3	19	....	22
Chorea	7	....	....	7
Cirrhosis	3	....	....	3
Clavis	2	....	....	2
Coccydinia	1	....	....	1
Colic, infantile	29	....	....	29
Concussion of brain	5	10	....	15
Congestion of lungs	1	7	....	8
Conjunctivitis	45	56	15	116
Constipation	1464	161	60	1685
Convulsions, infantile	4	....	20	24
Coryza	42	59	....	101
Cystitis	144	10	24	178
Debility	35	20	21	76
Dentition	1	7	36	44
Dermatitis	75	....	9	84
Diabetes	3	....	....	3
Diarrhoea	549	132	151	832
Diphtheria	12	4	....	16
Dislocations	54	11	18	83
Dysentery	214	122	10	346
Dysmenorrhoea	26	14	....	40
Dyspepsia	162	5	....	167
Eczema	115	129	35	279
Empyema	10	....	....	10
Endo-carditis	3	14	....	17
" metritis	2	10	....	12
Entreralgia	43	....	....	43
Enteritis	219	....	....	219
Entero-colitis	18	....	....	18
Enlarged glands	7	12	....	19
Epididimitis	10	....	....	10
Epilepsy	166	16	18	200
Epistaxis	18	2	5	25
Erythema	10	....	....	10
Erysipelas	11	8	13	32
Excoriations	15	....	15	30
Extraction of teeth	21	250	....	271
Fevers, malarial	7286	1107	482	8875
" remittent	826	89	29	944
" typhoid	66	15	....	81
Fistula	3	....	....	3
Foreign bodies rmv'd.	222	98	44	364
Fractures	327	64	35	462
Frost bites	7	....	....	7
Furuncles	48	....	27	75
Gangrene	1	....	....	1
Gastralgia	49	69	20	138
Gastritis	262	66	46	374
Gastro-enteritis	42	....	10	52
Glaucoma	1	....	....	1
Gingivitis	2	....	....	2
Haematoma	6	....	....	6
Haematemisis	3	....	....	3
Haemoptysis	9	4	....	13
Heart disease, organic	220	19	27	266
" " functional	19	13	....	32
Hemorrhages	20	....	....	20
Hemorrhoids	48	15	....	63
Hemiplegia	11	7	....	18
Hepatitis	12	114	....	126
Hernia	18	....	....	18
Herpes zoster	20	6	....	26
Hypochondria	6	....	....	6
Hysteria	37	4	....	41

	Central.	Branch No. 1.	Branch No. 2.	Total.
Hydrocele	4	....	....	4
Habit, morphine	25	....	....	25
" cocaine	1	....	....	1
Impetigo	1	....	....	1
Icterus	37	....	....	37
Incontinence urine	7	9	....	16
Indigestion	33	....	28	61
Inflammations	4	....	....	4
Insolations	166	55	48	269
Insomnia	32	....	....	32
Intestinal colic	35	....	....	35
Iritis	....	6	....	6
LaGrippe	173	54	....	227
Laryngitis	25	....	....	25
Leucorrhoea	8	14	....	22
Lipoma	4	....	....	4
Locomotor ataxia	3	....	....	3
Lumbago	212	31	10	253
Lymphadidimitis	4	....	....	4
Lymphangitis	16	10	....	26
Mammitis	1	....	....	1
Mastitis	2	1	....	3
Masturbation	4	....	....	4
Melancholia	1	....	....	1
Menopause	7	8	....	15
Menorrhagia	9	....	....	9
Metritis	1	....	....	1
Metrorrhagia	2	15	....	17
Migrane	1	....	....	1
Miscarriages	2	....	....	2
Myalgia	66	....	....	66
Nausea	2	....	....	2
Necrosis	3	....	....	3
Nephritis	173	22	20	215
Nervous prostration	7	....	10	17
Neuralgia	290	41	46	377
Neurasthenia	71	14	....	85
Neuritis	4	....	....	4
Neurosis	1	....	....	1
Odontalgia	28	....	....	28
Oedema	11	....	....	11
Ophthalmia	4	....	....	4
Onychia	1	....	....	1
Orchitis	12	10	....	22
Otalgia	16	....	....	16
Otorrhoea	4	....	....	4
Otitis media	9	....	....	9
" externa	1	....	....	1
Ovaritis	18	....	....	18
Pregnancy	16	....	....	16
Paralysis	46	....	....	46
Paresis	3	....	....	3
Parodiditis	15	....	....	15
Paronychia	4	....	....	4
Pharyngitis	98	6	....	104
Pediculosis	32	....	....	32
Peritonitis	2	....	....	2
Pertusis	52	11	....	63
Periostitis	19	5	....	24
Phlebitis	1	....	....	1
Phimosis	1	3	....	4
Phthisis pulmonalis	146	54	46	246
Pleurisy	160	19	....	179
Pleurodynia	2	....	....	2
Pneumonia	216	16	....	232
Proctitis	3	....	....	3
Prostitis	2	....	....	2
Pruritis	11	....	....	11
Pulmonary, not defined	24	....	....	24

	Central.	Branch No. 1.	Branch No. 2.	Total.
Purpura	2	....	....	2
Ptyalism	59	....	....	59
Psoriasis	4	....	....	4
Pyrosis	7	....	....	7
Plumbism	4	....	....	4
Rachitis	3	....	....	3
Ranula	1	....	....	1
Retention urine	36	8	....	44
Poisoning, ivy	20	....	....	20
" chloroform	1	....	....	1
" arsenic	3	6	7	16
" lead	2	....	....	2
" morphine	12	4	22	38
" opium	2	....	4	6
Rhinitis	3	....	18	21
Rheumatism	1174	150	84	1408
Rubeola	10	9	5	24
Salivation	12	16	....	28
Scabies	39	1	13	53
Scalds	6	....	....	6
Sciatica	31	....	....	31
Scrofula	15	....	....	15
Seborrhoea	10	....	....	10
Septicaemia	8	....	....	8
Spermatorrhoea	2	....	....	2
Sprains	317	63	49	429
Stomatitis	26	....	15	41
Strictures	10	....	....	10
Syncope	4	....	....	4
Singultus	5	....	....	5
Synovitis	25	6	....	31
Syphilis	96	2	....	98
Taenia solium	26	....	....	26
Tinea circinati	12	....	....	12
Thecitis	18	....	....	18
Tonsilitis	405	85	96	586
Tongue-tie	1	....	....	1
Trachitis	3	....	....	3
Trichiatis	3	....	....	3
Thrush	3	....	....	3
Tumors	7	....	....	7
Ulcers	429	140	105	674
Uraemia	1	2	....	3
Urethritis	14	....	....	14
Urticaria	38	....	....	38
Uterine	39	11	....	50
Vaccine sores	13	5	....	18
Vaginitis	15	....	....	15
Varicocele	4	....	....	4
Varicose veins	12	....	....	12
Vertigo	17	....	....	17
Varicella	19	....	....	19
Whitlow	110	50	36	196
Wounds, contused	508	193	153	854
" gunshot	191	70	25	286
" incised	544	175	97	816
" lacerated	1333	329	125	1787
" infected	22	149	....	171
" penetrating	18	2	....	20
" punctured	167	43	87	297
" scalp	1261	308	251	1820
Internal injuries	9	....	....	9
Total	27774	5863	3142	36779

TABLE NO. 14.

MEDICAL AND SURGICAL CASES TREATED AT CITY DISPENSARIES.

	MEDICAL.			SURGICAL.			Total.
	Central.	Branch No. 1.	Branch No. 2.	Central.	Branch No. 1.	Branch No. 2.	
April, 1896	1,305	219	98	423	206	182	2,433
May, "	1,017	189	84	559	217	132	2,198
June, "	1,499	264	109	590	231	131	3,121
July, "	1,661	281	162	551	264	127	3,046
August, "	2,698	655	287	646	369	130	4,785
September, "	1,848	347	209	616	267	101	3,388
October, "	1,606	301	144	559	219	120	2,949
November, "	1,217	201	79	429	172	82	2,180
December, "	1,636	194	102	536	125	86	2,679
January, 1897	1,711	196	139	446	113	141	2,746
February, "	2,371	252	161	359	139	88	3,370
March, "	2,722	286	155	372	156	93	3,884
Total	21,531	3,385	1,729	6,243	2,478	1,413	36,779

Total number of patients treated previous year	23,156
Increase	13,623

TABLE NO. 15.

RESULT OF EXAMINATION OF REPORTED INSANE CASES.

Number of observation cases (City Hospital) sent to Insane Asylum	169
Number of observation cases (City Hospital) released, or taken away by friends	159
Number of cases recommended to Board of Health for admission to Asylum	50
Number of cases examined at City Dispensary and sent to Asylum	36
Total	414

TABLE NO. 16.

PATIENTS SENT TO HOSPITALS.

	City.	Female.	Smallpox.	Total.
April, 1896	894	201	2	1,097
May	844	215	....	1,059
June	845	195	....	1,040
July	1,186	275	....	1,461
August	1,389	210	....	1,599
September	926	208	....	1,134
October	842	172	....	1,014
November	824	192	....	1,016
December	905	223	....	1,128
January, 1897	870	190	....	1,060
February	924	171	....	1,095
March	957	197	....	1,154
Total, year ending March 31, 1897.	11,406	2,449	2	13,857
" " " " 31, 1896.	9,623	2,122	140	11,885
	1,783	327	138	1,972

TABLE NO. 17.

VACCINATION SERVICE.

	Visited.	Primary.	Revaccinated.	Total.
Lodging and tenement houses	1,167	154	157	311
Public and parochial schools	185	5,262	1,637	6,899
Mercantile establishments	9	97	83	180
Steamers	5	35	41	76
Police stations	......	17	24	41
Fair Grounds	......	150	213	363
Dispensaries	......	129	74	203
Total	......	5,844	2,229	8,073

TABLE NO. 18.

AMBULANCE SERVICE.

	Central.		Branch No. 1.		Branch No. 2.		West End.		Total.	
	Calls.	Miles.	Calls.	Miles.	Calls.	Miles.	Calls.	Miles.	Calls.	Miles.
April ...1896.	687	2,478 6-7	63	470 2-7	55	302 3-7	34	695 1-7	839	3,946 5-7
May.....1896.	805	2,731 1-7	72	394 1-7	96	438 3-7	30	188 1-7	1,003	3,751 6-7
June ...1896.	892	2,681	63	360 1-7	58	341 2-7	16	125 5-7	1,029	3,508 1-7
July ....1896.	902	2,585 1-7	80	543 2-7	83	495 4-7	33	251 3-7	1,098	3,875 3-7
August..1896.	1,463	3,968 1-7	142	816 5-7	170	1,037 5-7	61	429 3-7	1,836	6,252
Sept ....1896.	754	2,144 3-7	62	436 2-7	69	452 1-7	39	272 2-7	924	3,305 1-7
Oct......1896.	741	2,226 5-7	53	352	84	579 3-7	23	125 5-7	901	3,283 6-7
Nov.....1896.	694	1,981 6-7	37	248 6-7	72	504	28	158 3-7	831	2,893 1-7
Dec .... 1896.	737	2,034 1-7	35	242 5-7	60	442 1-7	23	156 3 7	852	2,875 3-7
Jan .....1897.	772	2,215 3-7	36	211 5-7	71	570 1-7	22	132 1-7	901	3,129 3-7
Feb 1897	712	2,250	39	260	47	347	32	210	830	2,867
March ..1897.	826	2,267 6-7	42	312 1-7	49	371 1-7	22	136 5-7	939	3,087 6-7
Totals ...	9,985	29,364 5-7	724	4,648 2-7	914	5,881 3-7	363	2,881 4 7	11,986	42,776 1-7

TABLE NO. 19.

EXPENDITURE FOR MEDICINE FOR THE PAST TWO YEARS.

	Charity Prescriptions.		Tablets.	
	Year ending March 31st, 1896.	Year ending March 31st, 1897.	Year ending March 31st, 1896.	Year ending March 31st, 1897.
April	$ 85 50	$101 50	$205 60	$ 15 80
May	83 25	99 85	211 00	20 80
June	138 75	156 25	42 32	139 00
July	66 25	134 75	......	12 40
August	64 00	107 00	26 00	271 60
September	70 25	84 50	108 80	58 40
October	105 25	79 25	180 30	109 00
November	92 50	90 50	20 40	4 80
December	80 75	142 75	138 90	24 64
January	116 50	255 43	52 55	35 80
February	140 50	128 52	26 70	17 80
March	103 25	220 34	162 40	10 00
	$1,136 75	$1,600 54	$1,182 83	$720 04

Increase of expense for charity prescriptions ... $463 79
Decrease of expense for tablets ... 462 79

TABLE NO. 20.

FINANCIAL STATEMENT.

Salaries — Physicians, ambulance drivers, sanitary officer and attendant	$16,496 06
Charity prescriptions	1,151 45
Drugs, medicines and instruments	2,605 53
Horses	1,200 00
Horse stabling	6,188 99
Horseshoeing and veterinary treatment	1,110 43
Horse and vehicle hire	325 75
Ambulances and vehicles	1,500 00
Ambulance and repairs	1,427 94
Harness	234 65
Harness, repairs	325 20
Office expenses, furniture, etc	891 44
Printing and stationery	570 90
Temporary help	3,207 88
Ice	11 92
Street car tickets	140 00
Boarding and lodging on inspection	5 50
Fitting up drug store	343 98
Rent, dispensaries	1,399 92
Salaries (branch dispensaries), physicians and ambulance drivers	8,254 00
Salaries, physicians temporarily employed	535 00
Postage	24 00
Total	$47,950 55

VI.

CITY HOSPITAL.

Presenting eleven tables, etc., as follows:

Table No. 1. Showing by classes and orders the disease treated.
Table No. 2. Showing number of patients admitted, discharged, etc.
Table No. 3. Showing deaths within forty-eight hours.
Table No. 4. Showing coroner's cases.
Table No. 5. Showing transfers.
Table No. 6. Showing births and stillborn.
Table No. 7. Showing ages of patients.
Table No. 8. Showing nativity of patients.
Table No. 9. Showing occupations.
Table No. 10. Showing balance sheet.
Table No. 11. Showing net cost, etc. of Hospital.
Table No. 12. Showing social condition of patients admitted.

TABLE NO. 1.

CLASSIFIED TABULAR STATEMENT OF DISEASES TREATED, ADMISSIONS, DISCHARGES, DEATHS AND TRANSFERS DURING THE YEAR; ALSO OF CASES REMAINING IN HOSPITAL APRIL 1ST, 1897.

DISEASES.	Remaining April 1, 1896.	Discharged.			Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
		Recovered	Improved.	Not Improved.				
All Causes	448	2,216	7,461	557	922	151	553	12,308
CLASSES.								
1. Zymotic	92	1,087	2,688	83	79	.....	125	4,154
2. Constitutional	89	101	694	129	174	......	83	1,270
3. Local	191	588	2,095	227	475	151	244	3,971
4. Developmental	12	80	205	54	42	......	14	407
5. Violence	59	360	1,417	64	152	....	78	2,130
6. Nihil	5	......	362	......	......	......	9	376
Totals	448	2,216	7,461	557	922	151	553	12,308
CLASS 1.—ZYMOTIC.								
Order 1—Miasmatic	47	721	1,524	18	66	......	66	2,442
Order 2—Enthetic	40	112	619	56	3	.....	40	870
Order 3—Dietic	4	251	537	9	10	......	19	830
Order 4—Parasitic	1	3	8	......	......	......	......	12
Totals	92	1,087	2,688	83	79	......	125	4,154
CLASS 2.—CONSTITUTIONAL.								
Order 1—Diathetic	29	95	398	37	13	......	37	609
Order 2—Tubercular	60	6	296	92	161	......	46	661
Totals	89	101	694	129	174	......	83	1,270
CLASS 3.—LOCAL.								
Order 1—Nervous System	38	132	495	109	66	151	47	1,038
Order 2—Ear	2	4	25	......	......	......	4	35
Order 3—Circulatory System	7	6	67	17	26	......	11	134
Order 4—Respiratory System	48	213	432	19	213	......	61	986
Order 5—Digestive System	22	103	310	29	63	......	24	551
Order 6—Urinary System	22	18	198	27	99	......	24	388
Order 7—Generative System	4	32	95	......	......	......	3	134
Order 8—Locomotory System	5	10	32	1	2	.....	6	56
Order 9—Eye	8	6	76	8	......	.....	11	109
Order 10—Integumentary System	35	64	365	17	6	......	53	540
Totals	191	588	2,095	227	475	151	244	3,971
CLASS 4.—DEVELOPMENTAL.								
Order 1—Children	......	......	1	......	11	......	......	12
Order 2—Women	4	75	112	34	3	......	7	235
Order 3—Age	8	5	92	20	28	......	7	160
Totals	12	80	205	54	42	......	14	407
CLASS 5.—VIOLENCE.								
Order 1—Suicide, Accidental and Negligence	59	360	1,417	64	152	......	78	2,130
Order 1—Nihil	5	.....	362	......	......	......	9	376

CLASS 1.—ZYMOTIC. ORDER 1.—MIASMATIC DISEASES.

DISEASES.	Remaining April 1, 1896.	Discharged.			Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
		Recovered	Improved.	Not Improved.				
Cholera Morbus	1	1			1			3
Colic		7	24				1	32
Diarrhœa	1	28	26					55
Diphtheria	2	44	15		5			66
Dysentery	5	38	32	4	15		1	94
Enterocolitis	1				5			6
Erysipelas	5	37	11		4		3	60
Fever, Continued	2	15	16	1				34
Fever, Intermittent		21	34				2	57
Fever, Malaria	15	411	1,267	11	9		50	1,763
Fever, Remittent		9	22	1				32
Fever, Scarlet			1					1
Fever, Typhoid	6	56	29	1	21		2	116
Measles	9	26	2				2	39
Scarlatina							1	1
Septicaemia		2			6			8
Tonsilitis		22	40				4	66
Varicella		4	5					9
Variloid								
Variola								

ORDER 2.—ENTHETIC DISEASES.

DISEASES.	Remaining April 1, 1896.	Recovered	Improved.	Not Improved.	Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
Bubo	13	24	71	16			5	129
Chancre	1	2	7					10
Chancroid	2	23	98	7			3	133
Gleet			8	1				9
Gonorrhoea	3	36	156	12			16	223
Iritis, Syphilitic	1		7					8
Rheumatism, Syphilitic	1	2	8					11
Syphilis, Cerebral								
Syphilis, Primary	15	12	163	11			16	217
Syphilis, Second		6	64	5				75
Syphilis, Tertiary		3	26	2	3			34
Syphilitic Ulcers	4	2	7	1				14
Venereal, Warts		2	4	1				7

ORDER 3—DIETIC DISEASES.

DISEASES.	Remaining April 1, 1896.	Recovered	Improved.	Not Improved.	Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
Alcoholism, Acute		245	524	8			19	796
Alcoholism, Chronic	4	6	13	1	10			34

ORDER 4.—PARASITIC DISEASES.

DISEASES.	Remaining April 1, 1896.	Recovered	Improved.	Not Improved.	Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
Pediculosis	1	3	1					5
Taenia, Chronic			7					7

CLASS 2.—CONSTITUTIONAL. ORDER 1.—DIATHETIC DISEASES.

DISEASES.	Remaining April 1, 1896.	Recovered	Improved.	Not Improved.	Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
Anaemia			4		2			6
Carcinoma of Breast				2			1	3
Carcinoma of Liver			3	1	6		3	13
Carcinoma of Uteri			1	2			1	4
Carcinoma of Tongue			1					1
Carcinoma of Stomach			1	2	2			5
Lumbago		10	27					37
Rheumatism	27	80	344	23			30	504
Sarcoma								
Sciatica		5	13	2			2	22
Cancer of Stomach	2				2			4
Cancerous Cachexia			4		1			5
Cancer of Face				5				5
Cancer of Oesophagus								

ORDER 2.—TUBERCULAR DISEASES.

DISEASES.	Remaining April 1, 1896.	Recovered	Improved.	Not Improved.	Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
Phthisis Pulmonalis	58	6	285	90	145		44	628
Tuberculosis, General	2		10		11		2	25
Tubercular Hip Joint								
Tubercular Spondylitis								
Tubercular Meningitis					2			2
Pulmonary Gangrene				1	3			4
Potts' Disease			1	1				2

CLASS 3.—LOCAL DISEASES. ORDER 1.—DISEASES OF NERVOUS SYSTEM.

DISEASES.	Remaining April 1, 1896.	Discharged.			Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
		Recovered	Improved.	Not Improved.				
Cephalalgia	1	3	5	3	.....	....	.....	12
Chorea	.....	.....	15	6	.....	.....	2	23
Cerebral Hemorrhage	.....	1	12	.....	9	.....	.....	22
Delirium Tremens	.....	6	20	....	.....	.....	.....	26
Dementia	15	2	36	31	.....	62	.....	146
Epilepsy	5	20	120	11	4	3	.....	163
Hemiplegia	7	1	24	5	4	.....	11	52
Hysteria	.....	5	18	1	.....	.....	.....	24
Insanity	.....	1	26	15	.....	62	.....	104
Meningitis, Cerebral	.....	.....	5	.....	7	.....	.....	12
Neuralgia	1	4	22	3	.....	.....	.....	30
Neuritis	2	.....	13	.....	.....	.....	1	16
Locomotor Ataxia	.....	.....	8	3	.....	.....	.....	11
Observation	....	9	56	22	.....	24	27	138
Sclerosis	2	.....	.....	.....	1	.....	.....	3
Tetanus	.....	.....	.....	.....	2	.....	.....	2
Congestion, Cerebral	.....	.....	.....	.....	.....	.....	.....	.....
Myelitis, Transverse	1	....	3	.....	1	.....	.....	5
Insolation	.....	77	78	1	36	.....	.....	192
Migraine	.....	.....	.....	.....	.....	....	.....	.....
Menaplegia	.....	.....	.....	1	.....	.....	.....	1
Aphasia	.....	1	.....	.....	.....	.....	.....	1
Myalgia	.....	.....	1	.....	.....	.....	.....	1
Mierocephalons	.....	.....	.....	.....	....	.....	.....	.....
Neurasthenia	1	1	24	3	.....	.....	1	30
Paralysis	3	1	9	4	2	....	5	24

ORDER 2.—DISEASES OF EAR.

Otitis Media	2	4	25	.....	.....	.....	4	35

ORDER 3.—DISEASES OF CIRCULATORY SYSTEM.

Angina Pectoris	.....	.....	.....	.....	.....	.....	.....	.....
Aneurism	1	.....	4	2	1	.....	.....	8
Apoplexy, Cerebral	.....	.....	.....	.....	1	.....	.....	1
Endocarditis	.....	.....	.....	.....	.....	.....	.....	.....
Epistaxis	.....	3	2	.....	.....	.....	.....	5
Mitral Insufficiency	1	.....	21	.....	....	.....	.....	22
Mitral Regurgitation	2	2	21	7	.....	.....	9	41
Aortic Stenosis	1	.....	6	1	.....	.....	.....	8
Pericarditis	.....	.....	.....	.....	3	.....	.....	3
Thrombosis	.....	.....	.....	.....	.....	.....	.....	.....
Valvular Disease of Heart	1	....	12	7	21	.....	2	43
Fatty Degeneration of Heart	1	1	1	.....	.....	.....	.....	3

ORDER 4.—DISEASES OF RESPIRATORY SYSTEM.

Asthma	1	3	37	2	2	.....	.....	45
Bronchitis, Acute	2	26	136	3	.....	.....	5	172
Bronchitis, Chronic	5	2	35	4	9	.....	.....	55
Catarrh	.....	7	24	2	.....	.....	.....	33
Emphysema	.....	.....	2	.....	3	.....	3	8
Influenza	.....	22	77	.....	.....	.....	4	103
Laryngitis	.....	1	12	2	.....	.....	.....	15
Oedema Glottidis	.....	.....	.....	.....	1	.....	.....	1
Pleuritis	3	20	40	2	.....	.....	1	66
Pneumonia	37	131	64	2	197	.....	48	479
Pharyngitis	.....	1	4	2	.....	.....	.....	7
Pyæmia	.....	.....	1	.....	1	.....	.....	2

ORDER 5. — DISEASES OF DIGESTIVE SYSTEM.

DISEASES.	Remaining April 1, 1896.	Discharged.			Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
		Recovered.	Improved.	Not Improved.				
Appendicitis	2	4	2		2		3	13
Abscess of Liver		1			2			3
Cirrhosis of Liver	1	1	19	3	22			46
Colitis		6	12					18
Constipation		6	14					20
Dyspepsia		1						1
Enteritis	2	42	84	3	14		6	151
Fistula in Ano	4	1	14				6	25
Gastritis	2	20	84	3	9		2	120
Jaundice	2		11				1	14
Peritonitis		3	6	2	3			14
Hemorrhoids		2	29	7			1	39
Hepatitis		1			6		1	8
Hernia	9	14	22	10	2		4	61
Hernia, Strangulated		1	1					2
Gastric Ulcer								
Perityphilitis								
Intestinal Obstruction					3			3
Gastric Catarrh				1				1
Scurvy								
Ascitis			5					5
Stricture, Rectum			6					6
Gastralgia			1					1

ORDER 6. — DISEASES OF URINARY SYSTEM.

Cystitis	1	4	13	4	1		3	26
Diabetes			3	1			2	6
Nephritis	15	5	143	14	89		12	278
Stone in Bladder			1					1
Sticture Urethra	3	5	29	7			7	51
Retention of Urine	2	2	4					8
Uraemia	1	2	5	1	9			18

ORDER 7. — DISEASES OF GENERATIVE SYSTEM.

Antroversion of Uterus	1							1
Mamaritis			3					3
Balanitis	1	2	2					5
Circumcision		2	2					4
Dysmenorrhoea		3	9					12
Epididymitis		7	18					25
Hydrocele		4	8					12
Fibroid Tumor of Uterus								
Orchitis	2	6	36				3	47
Phimosis		5	3					8
Salpingitis		1	4					5
Uterine Hemorrhage								
Urethritis			1					1
Varicocele			5					5
Prolapsus Uterine		2	2					4
Masturbation								
Castration			2					2

ORDER 8. — DISEASES OF LOCOMOTORY SYSTEM.

Arthritis								
Necrosis	1	2	6	1	1		5	16
Periositis	2	1	3					6
Synovitis	1	1	21				1	24
Carcies								
Tabes Dorsalis								
Bursitis	1	5	2		1			9
Erythenia		1						1

ORDER 9.—DISEASES OF EYE.

DISEASES.	Remaining April 1, 1896.	Discharged.			Died.	Transferred to Insane Asylum.	Remaining April 1, 1897	Total No. Patients treated
		Recovered	Improved.	Not Improved.				
Astigmatism								
Blepharitis								
Cataract	1	1	3					5
Conjunctivitis	4		29	4			5	42
Entropion			1					1
Granular Lids			2				1	3
Iritis		2	7				3	12
Keratitis			5					5
Glaucoma			3	1				4
Leucoma	1		1					2
Trachoma		3	24	3			2	32
Stapheloma								
Ulceration of Cornea	2		1					3
ORDER 10.—DISEASES OF THE INTEGUMENTARY SYSTEM.								
Abscesses	6	16	68	2			9	101
Abscess, Ichio-Rectal		1	6	1				8
Abscess, Isoas			4		1			5
Abscess, Pelvic					3			3
Adenitis	4		6	4			3	17
Cellulitis	4	13	59		2		8	86
Carbuncle		3	4				3	10
Dermatitis			4					4
Eczema	2	6	24				6	38
Ephithelioma	1	3	1					5
Furuncles		1	4	1				6
Herpes	2	3	4					9
Lymphangitis	1		4					5
Mumps								
Ulcers	12	14	164	7			24	221
Ulcers, Varicose	1	2	5					8
Varicose Veins	1		4	2				7
Scabies	1	1	1					3
Vertigo		1	3					4
CLASS 4.—DEVELOPMENTAL ORDER 1.—CHILDREN.								
Inanition			1		5			6
Stillborn					6			6
ORDER 2.—WOMEN.								
Abortion	1	9	19		1			30
Endometritis		1	12	7				20
Labor								
Miscarriage		8	6					14
Pregnancy	2	57	65	27			7	158
Puerperal Septicaemia	1		1		1			3
Ovaritis			9		1			10
Pyosalpynx								
ORDER 3.—AGE.								
Debility	8	5	92	20	28		7	160
CLASS 5.—VIOLENCE. ATTEMPT SUICIDES, ACCIDENTS AND NEGLIGENCE.								
Amputation, Hand			1					7
" Finger			3					3
" Leg		1	12		2		1	16
" Foot		2	2					4
" Arm								
Asphyxiation		2						2
Bites, Man								
Bites, Dog		2						2
Bone in Throat								

CLASS 5. — *Continued.* — ATTEMPT SUICIDES, ACCIDENTS AND NEGLIGENCE.

DISEASES.	Remaining April 1, 1896.	Discharged.			Died.	Transferred to Insane Asylum.	Remaining April 1, 1897.	Total No. Patients treated.
		Recovered	Improved.	Not Improved.				
Burns	3	9	47		14		5	78
Concussion of Brain	1	4	6		4			15
Contusions	6	40	190	4	1		5	246
Contusions of Brain								
Crushed Leg	2	2			2			6
“ Arm								
“ Hand			8					
“ Foot		7	14				4	25
Dislocations		8	36		1			45
Fracture, Clavicle		3	13					16
“ Colles		2	4				2	8
“ Femur	4	5	11	5	5		2	32
“ Fibula	6	4	27	2	2			41
“ Foot		1	25	2			1	29
“ Humerus	6	4	9	4			4	27
“ Maxilla			4					
“ Nose		2	13	1	1			17
“ Patella			4					4
“ Pelvic					2		2	4
“ Potts’			3				2	5
“ Radius		2	22	2	2			28
“ Ribs	1	2	33		2			38
“ Scapula	1		1					2
“ Skull		9	29	2	16		4	60
“ Tibia	2	2	33	2			11	50
“ Ulna	1	2	5	1				9
“ Vertebra								
Frost Bite	4	3	8				5	20
Injury to Face								
“ Hand			1		1			2
“ Knee	1	1	8	4			1	15
“ Eye			5					5
“ Internal		2	7		7			16
“ to Chest		4	13		1			18
Poisoning, Morphine		39	54	3	17		3	116
“ Arsenic		3	12		6			21
“ Atropine								
“ Belladona								
“ Carbolic Acid		3	3		1			7
“ Digitalis								
“ Lead		2	6					8
“ Mercury								
“ Nicotine								
“ Oil of Tansy								
“ Paris Green		2	4		3			9
“ Phosphorus		1						1
“ Laudanum		3	2					5
“ Opium		5	5		2			12
“ Aconite								
“ Ammonia								
“ Cocaine		4	7	2	2			15
“ Strychnia		1	2					3
Sprain of Ankle	5	25	88	4			2	124
“ Arm		5	9					14
“ Back		5	28	2				35
Rupture of Spleen					3			
Wounds Incised	3	26	109	3	2		4	147
“ of Neck	2	3	9					14
“ of Throat			2					2
“ Gun Shot of Head	1	2	9	1	8		2	23
“ “ Abdomen	1	4	17	1	13		3	38
“ “ Chest		6	23		2		1	32
“ “ Back	3	1	8		4		1	17
“ Stab of Abdomen	1	17	40	5	9			72
“ Lacerated	4	19	118	8	1		9	159
“ Scalp	2	50	222	5	4		4	287
“ Punctured		5	8					13
“ Penetrating		1	2	1				4
“ Gun Shot of Leg		7	29	1				37
Coroner’s Cases Unclassified					11			11

Nihil	5		362				9	376

TABLE NO. 2.

No. Remaining April 1, 1896.		No. Remaining April 1, 1897.	
Males, White	371	Males, White	457
Males, Colored	52	Males, Colored	56
Females, White	19	Females, White	33
Females, Colored	6	Females, Colored	10
Total	448	Total	556

TOTAL ADMITTED.

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	Aug., 1896.	Sept., 1896.	Oct., 1896.	Nov., 1896.	Dec., 1896.	Jan., 1897.	Feb., 1897.	March, 1897.	Total.
Males, White	645	644	637	931	1,085	722	621	590	648	628	668	685	8,504
Males, Colored	112	92	96	88	102	81	66	77	83	96	108	94	1,095
Females, White	104	92	78	126	153	94	125	103	140	111	107	129	1,362
Females, Colored	33	33	26	40	49	28	30	54	34	35	41	48	451
Total	894	861	837	1,185	1,389	925	842	824	905	870	924	956	11,412

TOTAL DISCHARGED.

Males, White	675	787	563	850	1,076	715	620	549	635	647	619	719	8,455
Males, Colored	114	93	83	77	108	86	77	67	72	103	91	110	1,081
Females, White	98	92	70	112	146	106	114	108	135	124	99	124	1,328
Females, Colored	35	30	29	34	47	31	29	39	49	36	35	49	443
Total	922	1,022	745	1,073	1,377	938	840	763	891	910	844	1.002	11,307

TOTAL DEATHS.

Males, White	78	32	46	55	76	56	48	41	46	64	75	69	686
Males, Colored	16	11	5	8	9	4	3	2	14	20	15	16	123
Females, White	8	6	3	4	11	3	7	7	10	4	6	10	79
Females, Colored	3	3	2	3	1	2	2	3	4	4	3	4	34
Total	105	52	56	70	97	65	60	53	74	92	99	99	922

TABLE NO. 3.

SHOWING DEATHS WITHIN FORTY-EIGHT HOURS.

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	August, 1896.	September, 1896.	October, 1896.	November, 1896.	December, 1896.	January, 1897.	February, 1897.	March, 1897.	Total.
Males, White	18	5	16	20	31	15	8	10	10	11	14	8	166
Males, Colored	4	4	3	1	1	1	1	2	4	3	1	3	28
Females, White	4	3	1	3	4	4	1	3	4	2	1	....	30
Females, Colored	3	1	2	2	....	....	...	...	5	2	1	1	17
Total	29	13	22	26	36	20	10	15	23	18	17	12	241

TABLE NO. 4.

SHOWING CORONER'S CASES.

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	August, 1896.	September, 1896.	October, 1896.	November, 1896.	December, 1896.	January, 1897.	February, 1897.	March, 1897.	Total.
Males, White	7	6	14	22	35	10	8	7	9	7	6	8	139
Males, Colored	....	3	1	2	2	1	....	...	2	3	2	1	17
Females, White	....	5	1	3	6	3	1	4	4	1	1	1	30
Females, Colored	....	...	1	1	...	....	....	....	3	1	1	..	7
Total	7	14	17	28	43	14	9	11	18	12	10	10	193

TABLE NO. 5.

SHOWING TRANSFERS TO INSANE ASYLUM.

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	August, 1896.	September, 1896.	October, 1896.	November, 1896.	December, 1896.	January, 1897.	February, 1897.	March, 1897.	Total.
Males, White	6	12	4	1	4	8	7	3	9	7	10	3	74
Males, Colored	....	6	...	....	...	....	....	....	3	2	....	1	12
Females, White	6	8	2	4	6	4	5	1	7	2	3	5	53
Females, Colored	....	5	1	1	1	....	....	1	2	1	....	....	12
Total	12	31	7	6	11	12	12	5	21	12	13	9	151

TABLE NO. 6.

SHOWING BIRTHS AND STILLBORN.

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	August, 1896.	September, 1896.	October, 1896.	November, 1896.	December, 1896.	January, 1897.	February, 1897.	March, 1897.	Total.
Males, White	2	5	1	2	3	5	4	4	1	1	1	5	34
Males, Colored	1	1	....	1	3	1	1	3	....	....	3	1	15
Females, White	1	2	2	2	....	2	3	3	2	1	1	3	22
Females, Colored	1	....	....	1	..	....	....	1	1	2	1	2	9
Total	5	8	3	6	6	8	8	11	4	4	6	11	80

TABLE NO. 7.

TABLE SHOWING AGES OF PATIENTS ADMITTED.

Under 1 year	71	From 60 to 70 years	703
From 1 to 10 years	158	“ 70 to 80 years	244
From 10 to 20 years	713	“ 80 to 90 years	14
“ 20 to 30 years	3,209	“ 90 to 100 years	7
“ 30 to 40 years	3,064	Unknown	141
“ 40 to 50 years	2,015		
“ 50 to 60 years	1,073	Total	11,412

TABLE NO. 8.

TABLE SHOWING NATIVITY OF PATIENTS ADMITTED.

Africa	1	Finland	15	Poland	87
Alsace-Lorraine	1	France	68	Russia	102
Arabia	1	Greece	1	Scotland	146
At sea	1	Germany	2,164	Spain	8
Austria	40	Holland	36	South America	3
Australia	3	Hungary	46	Sweeden	135
Bavaria	1	Ireland	1,882	Switzerland	365
Belgium	31	Isle of Man	1	United States	5,051
Bohemia	49	Italy	57	Wales	6
Canada	136	Mexico	1	West Indies	3
China	8	Nova Scotia	1	Unknown	328
Denmark	51	New Zealand	2		
England	578	Norway	3	Total	11,412

TABLE NO. 9.

TABLE SHOWING OCCUPATIONS OF PATIENTS COMMITTED.

Actors	15	Coopers	52	Locksmiths	8	Saddlers	22
Actresses	5	Conductors	2	Machinists	69	Sailors	2
Agents	56	Druggists	4	Mattressmkrs	1	Saloonmen	51
Architects	2	Dyers	1	Marblecutters	28	Salesmen	76
Artists	7	Electricians	2	Mechanics	20	Seamstresses	27
Bakers	112	Engineers	51	Merchants	15	Stonemasons	55
Barbers	91	Factory hands	16	Miners	31	Shoemakers	51
Bell boys	2	Farmers	65	Ministers	1	Stenographers	5
Beggars	4	Firemen	55	Milliners	2	Steamfitters	13
Blacksmiths	58	Florists	4	Musicians	8	Stonecutters	54
Boilermakers	19	Gardeners	43	Moulders	39	Schoolboys	37
Bootblacks	10	Gasfitters	11	Nihil	350	Schoolgirls	17
Bookkeepers	28	Glassworkers	1	Nurses	7	Switchmen	39
Brakesmen	7	Glaziers	10	Newsboys	32	Tailors	45
Brewers	21	Harnessmkrs	13	Painters	167	Tanners	4
Bricklayers	56	Hatters	1	Peddlers	150	Teamsters	153
Butchers	41	Hostlers	61	Plasterers	8	Teachers	5
Butlers	2	Housework	644	Pilots	2	Telegraphers	17
Bicycle makr's	2	Ironworkers	23	Plumbers	31	Trunkmakers	2
Carpenters	60	Janitors	18	Policemen	2	Unknown	234
Cigarmakers	35	Jewelers	1	Porters	127	Upholsterers	3
Chiropodist	1	Jockeys	18	Photographers	2	Waiters	81
Clerks	90	Journalists	16	Physicians	4	Watchmakers	4
Coachmen	6	Laundresses	50	Printers	80	Whiteners	22
Collectors	1	Lawyers	2	Prostitutes	89	Laborers	6,886
Confectioners	9	Linemen	33	R. R	42		
Cooks	214	Lithographers	2	Roofers	39	Total	11,412

TABLE NO. 10.

SHOWING BALANCE SHEET 1896-1897. THE CITY HOSPITAL WITH CITY OF ST. LOUIS.

Dr.		Cr.	
Salaries of Superintendent and Employees	$31,788 24	Cr. by Appropriation by Ordinance	$91,551 83
Expenses: Bread	3,726 34	Cr. by Appropriation by Ordinance No. 18526-18601	18,100 00
Meat and Fish	13,205 70	Cr. by Appropriation by Ordinance No. 18798-18856.	17,550 00
Groceries	11,903 21	Cr. by Appropriation by Ordinance, Special	2,100 00
Chickens	956 67	Cr. by Appropriation by Ordinance, Special	1,643 85
Vegetables	1,105 25		
Milk	6,411 57		$130,945 68
Fuel	4,708 77	Less amount of unpaid bills last fiscal year	1,851 83
Gas	325 00		
Ice	3,499 17		$129,093 85
Drugs, Instruments and Supplies	9,201 52		
Dry Goods, Clothing and Bedding	5,476 10		
House Furnishing Goods	4,338 52		
Forage, Bedding for Horses	404 14		
Repairing Vehicles and Harness, Horseshoing	51 10		
Printing and Stationery (Postage)	983 75		
Oils, Packing, Waste, etc., for Engine	102 33		
Lumber and Material for Coffins	279 90		
Car Tickets	55 00		
Rent of Telephone	10 00		
Miscellaneous	240 60		
Labor and Material for Repairing Fences, etc.	93 05		
Special No. 18526-18601	17,739 73		
Rent	10,000 00		
Special	1,628 35		
Special (Cyclone Patients)	1,643 85		
Labor and Material for Repairing Building	1,622 94	Overdrawn	2,406 05
Total	$131,500 80		$131,500 80

TABLE NO. 11.

EXHIBITING THE NET COST OF THE HOSPITAL FOR THE YEAR, $130,712.54, AS SHOWN BY THE FOLLOWING CREDITS, VIZ.:

Money left by deceased patients	$188 76
Board for county pay patients	330 60
Coffins furnished, 73 large, at $1.50	109 50
" " 249 small at 60c	149 40
Total	$778 26

TABLE NO. 12.

TABLE SHOWING SOCIAL CONDITION OF PATIENTS ADMITTED.

Single	7,488	Widowed	993
Married	2,564	Unknown	367
Total			11,412

VII.

INSANE ASYLUM.

Presenting twenty-six tables as follows:

Table No. 1. Movement of population.
Table No. 2. Forms of mental derangement of patients admitted during the year. Appendix to same.
Table No. 3. Form of mental derangement of patients discharged as unimproved.
Table No. 4. Form of mental derangement of patients discharged as recovered and improved.
Table No. 5. Civil condition of patients discharged as recovered and improved.
Table No. 6. Duration of the mental derangement in patients discharged as recovered and improved previous to their admission to the Asylum.
Table No. 7. Duration of stay at the Asylum of patients discharged as recovered and improved.
Table No. 8. Ages of patients discharged as recovered and improved.
Table No. 9. Rate of recoveries and improvements computed for cases of recoverable forms of insanity admitted during the last two years.
Table No. 10. Civil condition of those admitted within the year.
Table No. 11. Ages of those admitted and of those remaining at close of the year.
Table No. 12. Occupation previous to admission of those admitted during the year.
Table No. 13. Religion of those admitted within the year and of those remaining at the close of the year.
Table No. 14. Nativity of those admitted during the year and of those remaining at the close of the year.
Table No. 15. Puerperium, fright caused by the tornado, trauma capitis and insolation as causes of insanity in cases admitted during the year.
Table No. 16. Showing hereditary and acquired alcoholism and syphilis as causes in cases admitted during the year.
Table No. 17. Showing insane heredity in the 284 cases admitted during the year.
Table No. 18. Some etiological data regarding the 26 cases of dementia paralytica admitted during the year.
Table No. 19. Time elapsed between the appearance of first symptoms of dementia paralytica and death caused by it in the patients who died within the year.
Table No. 20. Causes of death occurred within the year.
Table No. 21. Ages at time of death of those who died within the year.
Table No. 22. Showing the effect of the administration of trional in doses from 0.90 to 1.20 grams and of a night lunch.
Table No. 23. Financial statement for the fiscal year ending March 31, 1897.
Table No. 24. Per capita cost of maintenance.
Table No. 25. Number of pay patients and St. Louis County patients at close of the year.
Table No. 26. Products of the farm and garden.

TABLE NO. 1.

MOVEMENT OF POPULATION.

	MEN.			WOMEN.			TOTAL.
	White.	Colored.	Total.	White.	Colored.	Total.	
Admitted during the year	117	10	127	152	9	161	288
Less readmissions during the year	1	....	1	3	....	3	4
	116	10	126	149	9	158	284
Number at beginning of the year	218	14	232	157	11	168	400
Whole number treated within the year	334	24	358	306	20	326	684
Discharged, recovered	11	....	11	20	2	22	33
Discharged, improved	15	2	17	16	2	18	35
Discharged, unimproved	15	....	15	16	1	17	32
Discharged, not insane	2	1	3	1	....	1	4
Discharged, condition not ascertained	..	....	....	1	....	1	1
Died	31	5	36	14	5	19	55
Eloped (unimproved)	1	....	1	....	....	....	1
Trans. to Insane Dept. of Poor House	8	1	9	36	1	37	46
Total discharged	83	9	92	104	11	115	207
Remaining in Asylum, March 31, 1897	252	15	267	205	9	214	481
Daily average number present		$251\frac{100}{365}$			$194\frac{237}{365}$		$445\frac{337}{365}$

TABLE NO. 2.

FORMS OF MENTAL DERANGEMENT OF PATIENTS ADMITTED DURING THE YEAR.

	Men.	Women.	Total.
Mania —			
a. Maniacal exaltation	2	3	8
b. Mania simplex	22	46	68
Melancholia.			
a. Melancholia simplex	1	8	9
b. Melancholia cum stupore	3	5	8
Stupor	2	10	12
Vesania (Wahnsinn)	3	9	12
Cerebrasthenia	3	7	10
Alcoholismus acutus	2	..	2
Alcoholismus chronicus	7	..	7
Hysteria and morphinism	..	1	1
Hysterical insanity	..	1	1
Paranoia (sexualis)	1	..	1
Dementia paralytica	23	3	26
Dementia senilis	9	10	19
Epilepsy (grand mal)	4	3	7
Epilepsy, psychic equivalent — mania	1	..	1
Epilepsy (petit mal)	2	..	1
Dementia following —			
a. Mania simplex	1	4	5
b. Melancholia simplex	..	2	2
c. Melancholia cum stupore	1	1	2
d. Alcoholism chronicus	3	..	3
e. Epilepsy	3	7	10
f. Masturbation	1	..	1
g. Unascertained	5	11	16
Imbecility and idiocy	15	11	26
Imbecility and idiocy with epilepsy	3	4	7
Not insane (morphine habit)	1	..	1
Not insane (alcoholism)	1	..	1
Not insane	1	1	2
Not ascertained (simulating hallucinations?)	1	..	1
Not ascertained (chorea)	..	1	1
Not ascertained —			
a. Because of nondescript character	1	..	1
b. Because of short time of observation	5	7	12
	126	158	284
Readmissions during the year	1	3	4
Total	127	161	288

APPENDIX TO TABLE NO. 2.

Of the twenty-three cases appearing as not ascertained in last year's Table No. 8, the following have been properly classified since:—

	Men.	Women.	Total.	Total of Cases for the Year.
Mania simplex	..	2	2	27
Stupor	1	1	2	28
Vesania (Wahnsinn)	..	1	1	5
Paranoia tardiva persecutoria	..	1	1	3
Dementia Paralytica	3	..	3	20
Dementia, following:				
Mania	..	3	3	15
Melancholia	..	1	1	7
Stupor	..	1	1	3
Alcoholismus chronicus	1	..	1	4
Unascertained psychoses	1	1	2	7
Not ascertainable before discharge	2	4	6	6
Balance unchanged in Table 8	..	..	..	109
Total	8	15	23	234

TABLE NO. 3.

FORM OF MENTAL DERANGEMENT OF PATIENTS DISCHARGED AS UNIMPROVED.

	Men.	Women.	Total.
Mania simplex	1	1	2
Melancholia simplex	..	1	1
Melancholia cum stupore	..	1	1
Epilepsy	1	1	2
Dementia Paralytica	3	..	3
Dementia Senilis	..	2	2
Dementia, due to masturbation	1	..	1
Dementia, following:			
(a) Mania	..	3	3
(b) Epilepsy	1	..	1
(c) Alcoholismus chronicus	1	..	1
(d) Unascertained psychoses	2	2	4
Imbecility and idiocy*	5	3	8
Imbecility and epilepsy	1	..	1
Paranoia tardiva persecutoria litigiosa	..	1	1
Not classified	..	2	2
Total	16	17	33

* One case of imbecility eloped and not recaptured.

TABLE NO. 4.

FORM OF MENTAL DERANGEMENT OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

	RECOVERED.			IMPROVED.		
	Men.	Women.	Total.	Men.	Women.	Total.
Maniacal exaltation	..	..	..	2	1	3
Mania simplex	4	15	19	3	7	10
Melancholia simplex	..	1	1	..	2	2
Melancholia cum stupore	..	2	2	1	2	3
Stupor	3	3	6	3	3	6
Vesania (Wahnsinn)	..	..	..	1	..	1
Cerebrasthenia	1	..	1	3	1	4
Alcoholismus acutus	2	..	2	..	..	..
Alcoholismus chronicus	3	1	1	..	..	..
Lues cerebralis	1	..	1	..	2	2
Epilepsy (alcoholic)	..	..	..	..	..	1
Epilepsy (phychic equivalent — mania)	..	..	..	1	..	1
Not classified	..	..	..	2	..	2
Total	11	22	33	17	18	35

TABLE NO. 5.

CIVIL CONDITION OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

RECOVERED.						IMPROVED.					
Single.		Married.		Widowed.		Single.		Married.		Widowed.	
Men.	Wom.	Men.	Wom.	Men.	Wom.	Men.	Wom.	Men.	Wom.	Men.	Wom.
5	11	6	10	..	1	10	4	7	13	..	1

TABLE NO. 6.

DURATION OF THE MENTAL DERANGEMENT IN PATIENTS DISCHARGED AS RECOVERED AND IMPROVED, PREVIOUS TO THEIR ADMISSION TO THE ASYLUM.

	RECOVERED.			IMPROVED.		
	Men.	Women.	Total.	Men.	Women.	Total.
One month or less	6	11	17	7	7	14
Two months	1	2	3	1	2	3
Three months	1	2	3	2	3	5
Four months	..	1	1	..	..	..
Five months	1	1	2	1	..	1
Six months	..	..	..	..	1	1
Seven months	1	..	1	..	..	..
Twelve months	..	..	..	1	..	1
Two years	..	..	..	..	2	2
Four years	..	..	..	1	..	1
Seven years	..	..	..	1	..	..
Seventeen years	1	..	1	..	..	..
Nineteen years	..	..	..	..	1	1
Not ascertainable	..	5	5	3	2	5
Total	11	22	33	17	18	35

TABLE NO. 7.

DURATION OF STAY AT THE ASYLUM OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

	RECOVERED.			IMPROVED.		
	Men.	Women.	Total.	Men.	Women.	Total.
One month and less	1	1	2	2	2	4
Two months	2	1	3	2	2	4
Three months	1	1	2	1	2	3
Four months	1	3	4	2	1	3
Five months	1	3	4	1	4	5
Six months	1	4	5	1	..	1
Seven months	..	2	2	2	1	3
Eight months	2	3	5	1	2	3
Nine months	..	2	2	2	..	2
Ten months	1	1	2	..	1	1
Eleven months	1	..	1	..	..	..
Twelve months	..	1	1	..	1	1
Fourteen months	..	..	..	1	1	2
Eighteen months	..	..	..	..	1	1
Three years, five months	..	..	..	1	..	1
Five years	..	..	..	1	..	1
Total	11	22	33	17	18	35

TABLE NO. 8.

AGES OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

	RECOVERED.			IMPROVED.		
	Men.	Women.	Total.	Men.	Women.	Total.
From 15 to 20 years	..	4	4	..	1	1
From 21 to 25 years	3	5	8	3	3	6
From 26 to 35 years	2	7	9	7	5	12
From 36 to 40 years	2	1	3	3	3	6
From 41 to 50 years	2	4	6	2	5	7
From 51 to 60 years	..	1	1	..	1	1
From 61 to 70 years	2	..	2	2	..	2
Total	11	22	33	17	18	35

TABLE NO. 9.

RATE OF RECOVERIES AND IMPROVEMENTS COMPUTED FOR CASES OF RECOVERABLE FORMS OF INSANITY, ADMITTED DURING THE LAST TWO YEARS.

	ADMITTED IN 1895–96.	ADMITTED IN 1896–97.	Total.
Mania	34	79	113
Melancholia	9	15	24
Stupor	28	12	40
Vesania (Wahnsinn)	5	12	17
Cerebrasthenia	5	10	15
Delirium acutum	2	..	2
Alcoholismus acutus	..	2	2
Alcoholismus chronicus	7	7	14
Hysteria and morphinism	..	1	1
Hysterical insanity	..	1	1
Mania epileptica (psychic aequivalent)	..	1	1
Lues cerebralis	8	..	8
Paranoia sexualis *	1	..	1
Not ascertainable and not ascertained	6	15	21
Total	105	155	260

Discharged as recovered in 1895–96	59
Discharged as recovered in 1896-97	33
Total	92
Less those admitted before April 1, 1895	28
Balance	64
i. e.	$24\frac{160}{260}\%$
Discharged as improved in 1895–96	32
Discharged as improved in 1896–97	35
Total	67
Less those admitted before April 1, 1895	21
Balance	46
i. e.	$17\frac{180}{260}\%$
Total of discharges as recovered and improved	$42\frac{80}{260}\%$

* This appeared erroneously in Table No. 8, Report 1895–1896 as P. tardiva persecutoria typicalis.

TABLE NO. 10.

CIVIL CONDITION OF THOSE ADMITTED WITHIN THE YEAR.

	Men.	Women.	Total.
Single	60	591	119
Married	47	69	116
Widowed	9	28	37
Not ascertained	10	2	12
Total	126	158	284

TABLE NO. 11.

AGES OF THOSE ADMITTED AND OF THOSE REMAINING AT CLOSE OF YEAR.

	ADMITTED.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.
Less than 10 years	3	2	5	..	..	..
Between 10 and 20 years	12	13	25	8	6	14
Between 20 and 30 years	31	44	75	72	44	116
Between 30 and 40 years	31	43	74	76	65	141
Between 40 and 50 years	18	22	40	57	48	105
Between 50 and 60 years	14	24	38	34	36	70
Between 60 and 70 years	10	6	16	11	13	24
Between 70 and 80 years	4	4	8	7	2	9
Between 80 and 90 years	3	..	3	2	..	2
Total	126	158	284	267	214	481

TABLE NO. 12.

OCCUPATION PREVIOUS TO ADMISSION OF THOSE ADMITTED DURING THE YEAR.

	Men.	Women.	Total.
Actress	....	1	1
Agents (for sewing machine)	....	1	1
Agents (book)	1	....	1
Brewers	1	....	1
Bootblacks	1	....	1
Barbers	3	....	3
Butchers	2	....	2
Boilermakers	1	....	1
Bookbinders	1	....	1
Bookkeepers	1	....	1
Boxmakers	1	....	1
Bricklayers	2	....	2
Canvassers	1	....	1
Carpenters	3	....	3
Carbuilders	1	....	1
Clerks	5	....	5
Coachmen	2	....	2
Cigarmakers	1	....	1
Cooks	2	....	2
Candymakers	1	....	1
Domestic services	....	104	104
Diamond cutters	1	....	1
Engineers	2	....	2
Farmers	1	....	1
Factory girls	....	4	4
Glassblowers	1	....	1
Gardeners	1	....	1
Hostlers	3	....	3
Hotelkeepers	1	....	1
Horse-trainers	1	....	1
Laborers	25	....	25
Laundreses	....	5	5
Jockeys	1	....	1
Music teachers	....	1	1
Merchants	1	....	1

	Men.	Women.	Total.
Machinists	5	....	5
Moulders, iron	3	....	3
Nurse girls	....	2	2
Newsboys	1	....	1
No occupation	14	25	39
Peddlers	3	....	3
Plumbers	1	....	1
Plasterers	2	....	2
Poultry dealers	1	....	1
Printers	3	....	3
Painters	3	....	3
Railroad men	2	....	2
Saleswomen	....	1	1
Saloonkeepers	2	....	2
Shoemakers	1	....	1
Salesmen	1	....	1
Steamfitters	1	....	1
Stonemasons	1	....	1
Seamstresses	....	4	4
Type-foundry man	1	....	1
Trunk-maker	1	....	1
Tobacco strippers	1	....	1
Teamsters	5	....	5
Tailors	2	1	3
Turners	2	....	2
Teachers, school	1	1	2
Washerwomen	....	2	2
Unknown	1	6	7
Total	126	158	284

TABLE NO. 13.

RELIGION OF THOSE ADMITTED WITHIN THE YEAR AND OF THOSE REMAINING AT THE CLOSE OF THE YEAR.

	ADMITTED.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.
Catholic	49	63	112	109	83	182
Congregationalist	..	..	..	1	..	..
Lutheran	12	13	25	23	19	42
Baptist	4	6	10	8	8	16
Presbyterian	..	3	3	5	5	10
Methodist	8	6	14	13	6	19
Episcopalian	2	2	4	4	3	7
Protestant, denom. unknown	16	37	53	28	46	74
Not ascertained	27	15	42	55	24	79
Not professed	7	8	15	20	14	34
Jewish	..	4	4	1	4	5
Christian	1	1	2	..	2	2
Total	126	158	284	267	214	481

TABLE NO. 14.

NATIVITY OF THOSE ADMITTED DURING THE YEAR AND OF THOSE REMAINING AT THE CLOSE OF THE YEAR.

	ADMITTED.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.
Missouri	45	62	107	101	71	172
Illinois	5	9	14	11	11	22
Other States	30	22	82	57	39	96
Unknown native	1	2	3	3	2	5
Total native	81	95	176	172	123	295
Austria-Hungary	..	..	..	3	2	5
Canada	1	..	1	1	1	2
Corsica	1	..	1	..	..	..
China	..	..	..	1	..	1
Denmark	..	..	..	..	1	1
England	3	2	5	6	6	12
France	1	1	2	1	..	1
Germany	25	30	55	58	49	107
Italy	..	..	..	1	..	1
Ireland	11	20	31	15	23	38
Norway	..	..	..	1	1	2
Russia	..	2	2	..	..	..
Sweden	..	..	..	1	1	2
Scotland	1	2	3	1	2	3
Switzerland	1	5	6	4	3	7
Poland	..	..	..	..	1	1
West Indies	..	..	..	1	..	1
Total foreign	44	62	106	94	90	184
Summary:						
Native	81	95	176	172	123	295
Foreign	44	62	106	94	90	184
Unknown	1	1	2	1	1	2
Total	126	158	284	267	214	481

TABLE NO. 15.

PUERPERIUM, FRIGHT CAUSED BY THE TORNADO, TRAUMA CAPITIS AND INSOLATION AS CAUSES OF INSANITY IN CASES ADMITTED DURING THE YEAR.

Form of Derangement.	Total Number of Cases admitted during the year.			Puerperium.	Effects of the Tornado. (Fright.)		Trauma Capitis.		Insolation.	
	Men.	Women	Total.		Men.	Women.	Men.	Women.	Men.	Women.
Mania	25	54	79	7	2	4	4	.....	1	1
Melancholia	3	12	15	.....	.....	1	.....	.....	.....	.....
Stupor	2	10	12	1	1	.....	.....	.....	.....	.....
Epilepsy	6	4	10	.....	.....	.....	5	1	.....	.....
Dementia Paralytica	23	3	26	.....	.....	.....	2	.....	2	.....
Dementia Senilis	9	10	19	.....	.....	.....	1	.....	.....	.....
Imbecility and Idiocy	18	14	32	.....	.....	.....	2	1	1	.....
Cerebrasthenia	3	7	10	.....	1	.....	.....	.....	.....	.....
Dementia Secondary	14	24	38	.....	.....	.....	1	1	1	.....
Remaining Cases in Table No. 2	23	20	43	.....	.....	.....	.....	.....	.....	.....
Total	126	158	284	8	4	5	15	3	5	1

TABLE NO. 16.

SHOWING HEREDITARY AND ACQUIRED ALCOHOLISM AND SYPHILIS AS CAUSES IN CASES ADMITTED DURING THE YEAR.

A.—ALCOHOLISM.

	MEN.									WOMEN.									
	Hereditary.			Acquired.			Both.			Hereditary.			Acquired.			Both.			
	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Total.
Mania	2	14	8	15	6	3	1	16	7	5	34	13	4	47	1	..	45	7	76
Melancholia	..	4	....	1	3	....	..	4	....	2	9	2	..	12	1	..	12	1	17
Stupor	..	1	1	..	1	1	..	1	1	1	4	5	1	1	8	..	7	3	12
Vesania	..	2	1	2	1	...	..	2	1	3	4	2	..	9	....	..	8	1	12
Cerebrasthenia	1	1	1	2	1	....	1	1	1	2	5	....	..	6	1	..	6	1	10
Paranoia	1	..	...	1	..	....	1	..	...	..	..	...	..	...	....	..	...	....	1
Hysterical Insanity	..	..	...	.	..	....	..	..	....	..	1	....	..	1	...	..	1	...	1
Alcoholismus, Chronicus and Acutus	1	4	4	9	..	....	1	6	2	..	..	..	..	...	...	..	...	...	9
Dementia Paralytica	1	7	15	14	5	4	1	9	13	..	1	2	1	2	....	..	1	2	26
Dementia Senilis	..	6	3	3	3	3	..	6	3	..	5	5	..	9	1	..	7	3	19
Dementia Terminal	2	4	8	6	6	2	..	8	6	1	11	13	1	21	3	..	19	6	39
Imbecility and Idiocy	5	4	6	2	12	1	1	11	3	1	7	3	.	11	....	..	11	....	26
Epilepsy	4	3	2	1	7	1	1	7	1	3	3	1	..	7	....	..	7	..	16
Hysteria and Morphinism	..	..	....	..	..	....	..	..	....	..	..	1	1	...	....	..	...	1	1
Not Insane	1	1	1	3	..	...	1	1	1	..	1	....	..	1	....	..	1	....	4
Not Ascertained	..	4	3	3	4	....	..	5	2	..	6	2	,	8	....	..	8	...	15
Total	18	55	53	62	49	15	8	77	41	18	91	49	8	135	15	..	133	25	284

TABLE NO. 16.—*Continued.*

B.—SYPHILIS.

	MEN.						WOMEN.						
	Hereditary.			Acquired.			Hereditary.			Acquired.			
	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.	Total.
Mania	....	14	10	2	22	...	...	38	14	...	51	1	76
Melancholia	....	4	....	....	4	....	....	11	2	....	12	1	17
Stupor	....	1	1	....	2	....	....	5	5	1	8	1	12
Vesania	....	2	1	....	3	....	...	7	2	..	8	1	12
Cerebrasthenia	....	1	2	....	3	..	....	6	1	....	6	1	10
Paranoia	1	....	....	....	....	1	....	....	....	...	...	....	1
Hysterical Insanity	....	....	....	....	....	....	....	1	....	...	1	....	1
Alcoholismus, Chronicus and Acutus	....	4	5	1	8	...	.. .	...	....	....	....	....	9
Dementia Paralytica	....	8	15	3	17	3	...	1	2	1	2	....	26
Dementia Senilis	....	6	3	....	9	..	....	6	4	1	9	....	19
Dementia Terminal	....	3	11	....	14	....	....	14	11	2	21	2	39
Imbecility and Idiocy	....	11	4	....	14	1	....	8	3	....	10	1	26
Epilepsy	1	4	4	....	9	....	2	4	1	....	7	....	16
Hysteria and Morphinism	....	....	....	....	....	...	...	....	1	....	1	...	1
Not Insane	....	2	1	....	2	1	....	1	.. .	....	1	....	4
Not Ascertained	...	4	3	1	6	....	....	6	2	....	8	....	15
Total	2	64	60	7	113	6	2	108	48	5	145	8	284

TABLE NO. 17.

SHOWING INSANE HEREDITY IN THE 284 CASES ADMITTED DURING THE YEAR.

A.—MEN.

	Paternal			Matern'l			Paternal Collateral.			Maternal Collateral.			Sister or Brother.			
	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Total.
Mania Simplex	2	10	10	1	11	10	....	11	11	10	12	....	...	11	11	22
Maniacal Exaltation	..	2	....	..	2	...	....	2	....	....	2	....	....	2	....	2
Melancholia Simplex	..	1	...		1	....	....	1	....	...	1	..	...	1	....	1
Melancholia Cum Stupore	..	2	1	..	2	1	....	2	1	....	2	1	...	2	1	3
Stupor	1	1	....	1	1	...	1	1	....	1	1	...	1	1	....	2
Vesania	..	2	1	..	2	1	2	....	1	....	2	1	1	1	1	3
Cerebrasthenia	1	..	2	..	1	2	1	...	2	....	1	2	....	1	2	3
Alcoholismus Acutus	.	.	2	..	..	2	....	....	2	....	....	2	...	....	2	2
Alcoholismus Chronicus	..	4	3	2	2	3	....	4	3	....	4	3	2	2	3	7
Paranoia Sexualis	..	1	....	..	1	....	....	1	....	....	1	....	....	1	....	1
Dementia Paralytica	2	8	13	1	9	13	1	9	13	....	10	13	1	9	13	23
Dementia Senilis	..	6	3	..	6	3	....	6	3	....	6	3	....	6	3	9
Epilepsy: grand mal	1	2	1	..	3	1	....	3	1	1	2	1	....	3	1	4
Epilepsy: Psychic Requivalent, Mania	..	..	1	..	..	1	....	...	1	....	....	1	....	....	1	1
Epilepsy: Petit, Mal	1	..	....	..	1	....	....	1	....	....	1	....	....	1	....	1
Dementia, following:																
Mania Simplex	1	..	....	..	1	....	....	1	....	....	1	....	....	1	....	1
Melancholia Cum Stupore	1	..	....	..	..	1	....	....	1	....	....	1	....	....	1	1
Alchoholismus Chronicus	..	..	3	..	..	3	..	....	3	....	....	3	....	...	3	3
Epilepsy	1	1	1	..	2	1	..	2	1	....	2	1	....	2	1	3
Masturbation	..	..	1	..	..	1	....	....	1	....	...	1	...	....	1	1
Unascertained Psychoses	..	2	3	..	2	3	....	2	3	....	2	3	....	2	3	5
Imbecility and Idiocy	4	5	6	1	8	6	1	8	6	1	8	6	....	9	6	15
Imbecility and Idiocy with Epilepsy	1	1	1	1	1	1	....	2	1	1	1	1	....	2	1	3
Not Insane: Morphinism	..	1	....	..	1	....	....	1	....	....	1	...	....	1	....	1
Not Insane: Alcoholismus	..	1	....	..	1	....	....	1	....	...	1	....	....	1	...	1
Not Insane	..	1	....	1	..	....	...	1	....	....	1	....	....	1	....	1
Not Ascertained: (Simulating Hallucinations)	..	1	....	..	1	....	....	1	...	....	1	.	...	1	....	1
Not Ascertained: Because of nondescript character	..	..	1	.	..	1	....	..	1	...	....	1	....	....	1	1
Not Ascertained: Because of brief time of observation	..	3	2	..	2	3	....	2	3	1	3	1	....	3	2	5
Total	16	55	55	8	61	57	6	62	58	15	66	45	5	64	57	126

TABLE NO. 17.— *Concluded.*

B.— WOMEN.

	Paternal			Matern'l			Paternal Collateral.			Maternal Collateral.			Sister or Brother.			
	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Present.	Absent.	Not Ascert'd.	Total.
Mania Simplex	8	26	12	6	29	11	2	32	12	2	33	11	4	30	12	46
Maniacal Exaltation	..	5	1	1	4	1	..	5	1	1	4	1	1	4	1	6
Melancholia Simplex	1	6	1	1	6	1	2	5	1	1	6	1	1	6	1	8
Melancholia Cum. Stupore	..	4	1	1	3	1	...	4	1	..	4	1	....	4	1	5
Stupor	1	2	7	1	2	7	...	2	8	1	2	7	2	1	7	10
Vesania	3	5	1	1	7	1	1	7	1	....	8	1	...	8	1	9
Cerebrasthenia	2	3	2	1	4	2	1	4	2	....	4	3	....	4	3	7
Hysteria and Morphinism	..	..	1	..	..	1	....	...	1	....	....	1	...	....	1	1
Hysterical Insanity	..	1	....	..	1	....	....	1	....	....	1	...	...	1	....	1
Dementia Paralytica	..	1	2	..	1	2	....	1	2	....	1	2	....	1	2	3
Dementia Senilis	..	5	5	..	5	5	....	5	5	1	5	4	....	5	5	10
Epilepsy: Grand Mal	1	1	1	..	2	1	....	2	1	....	2	1	...	2	1	3
Dementia Following:																
Mania Simplex	.	2	2	..	2	2	....	2	2	..	2	2	1	2	1	4
Melancholia Simplex	..	1	1	..	1	1	....	1	1	...	1	1	...	1	1	2
Melancholia Cum. Stupore	..	1	....	..	1	....	...	1	....	1	....	....	....	1	....	1
Epilepsy	1	2	4	..	2	5	1	2	4	1	1	5	1	2	4	7
Unascertained Psychosis	..	5	6	1	4	6	1	4	6	....	5	6	1	4	6	11
Imbecility and Idiocy	1	4	6	..	5	6	....	5	6	....	4	7	....	4	7	11
Imbecility and Idiocy with Epilepsy	..	4	...	..	4	....	....	4	....	....	4	....	....	4	....	4
Not Insane	1	..	....	1	..	....	....	1	....	....	1	....	..	1	....	1
Not ascertained: Chorea	..	1	....	..	1	...	...	1	....	...	1	....	1	....	..	1
Not ascertained: because of brief time of observat'n	..	3	·4	3	2	2	....	3	4	....	3	4	...	3	4	7
Total	19	82	57	17	86	55	8	92	58	8	92	58	12	88	58	158

TABLE NO. 18.

SOME ETIOLOGICAL DATA REGARDING THE TWENTY-SIX CASES OF DEMENTIA PARALYTICA ADMITTED DURING THE YEAR.

	MEN.			WOMEN.		
	Present.	Absent.	Not Ascertained.	Present.	Absent.	Not Ascertained.
Saturnismus	1	22	.....	......	3	......
Syphilis, Acquired	3	17	3	1	2	......
Syphilis, Hereditary	......	8	15	......	1	2
Alcoholismus, Acquired	14	5	4	1	2	.....
Alcoholismus, Hereditary	1	7	15	......	1	2

TABLE NO. 19.

TIME ELAPSED BETWEEN THE APPEARANCE OF FIRST SYMPTOMS OF DEMENTIA PARALYTICA AND DEATH CAUSED BY IT, IN THE PATIENTS WHO DIED WITHIN THE YEAR.

	Men.	Women.	Total.
6 months	2	..	2
1 year	3	1	4
1 year, 6 months	2	1	3
2 years	4	1	5
3 years	3	..	3
3 years, 6 months	3	..	3
4 years	4	..	4
5 years	1	..	1
Unascertainable	1	..	1
Total	23	3	26

Total duration of 13 cases Table 16 Report 1895–96.. 27 years, 6 months.
Total duration of 25 cases, as above (not including the unascertainable) 20 years, 6 months.
48 years.

Average duration for the 38 cases, about 15⅙ months.

TABLE NO. 20.

CAUSES OF DEATHS OCCURRED WITHIN THE YEAR.

	Men.	Women.	Total.
Cerebral meningitis (purulent)	1	..	1
Septicaemia (dementia paralytica)	1	..	1
Intestinal stricture	1	..	1
Pleuro-pneumonia	2	1	3
Pneumonia and asthenia from food refusal	1	..	1
Pneumonia and oedema glottidis	..	1	1
Phithisis pulmonalis	2	4	6
Asthenia	..	1	1
Asthenia from food refusal	1	..	1
Asthenia (maniacal exhaustion)	..	2	2
Asthenia (melancholic exhaustion)	..	1	1
Syphilis (acquired)	..	1	1
Epilepsy (status epilepticus)	..	4	4
Dementia paralytica	22	3	25
Senile debility	3	1	4
Senile debility aud epilepsy	1	..	1
Suicide (by hanging)	1	..	1
Total	36	19	55

TABLE NO. 21.

AGES AT TIME OF DEATH OF THOSE WHO DIED WITHIN THE YEAR.

	Men.	Women.	Total.
From 20 to 25 years	..	1	1
" 26 to 30 years	5	3	8
" 31 to 40 years	10	6	16
" 41 to 50 years	7	2	9
" 51 to 60 years	10	6	16
" 61 to 70 years	1	..	1
" 71 to 80 years	1	1	2
" 81 to 90 years	2	..	2
Total	36	19	55

TABLE NO. 22.

SHOWING THE EFFECT OF THE ADMINISTRATION OF TRIONAL IN DOSES FROM 0.90 to 1.20 GRAINS, AND OF A NIGHT LUNCH.

	Trional.										Night Lunch.									
Hours of Sleep,	1		2		3 to 4.		5 and over.		No Effect.		1		2		3 to 4.		5 and over.		No Effect.	
FORMS OF DERANGEMENT.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Mania	..	2	..	20	3	44	4	62	6	50	..	8	4	10	53	22	2	15	26	88
Melancholia	..	..	..	..	....	....	1	5	....	....	..	..	..	..	....	....	....	2	..	2
Stupor	..	..	..	..	....	....	1	1	....	....	.	2	..	..	....	1	....	7	....	6
Vesania	..	1	..	1	....	....	....	4	....	....	..	..	..	..	..	....	....	4	...	...
Cerebrasthenia	..	..	..	..	..	...	1	....	...	..	..	..	..	..	...	..	....	6	1	2
Epilepsy	..	..	..	..	...	....	....	2	....	3	..	..	..	..	....	...	...	2	....	2
Paranoia	..	..	..	.	1	....	....	....	....	....	..	..	..	..	....	....	..	....	.	..
Dementia Paralytica	..	..	1	..	12	....	6	....	12	....	1	5	2	1	31	....	...	2	22	17
Dementia Secondary	..	.	..	..	....	. .	....	7	....	2	2	1	9	..	5	3	...	8	14	1
Imbecility	..	..	..	..	....	....	....	1	...	...	..	..	4	..	13	....	...	...	15	...
Total	..	3	1	21	16	44	13	82	18	55	3	16	19	11	192	26	2	46	78	118

TABLE NO. 23.

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDING MARCH 31, 1897.

Amount of appropriations	$91,871 09
Expenditures for the year—	
Salaries of Superintendent and employees	$33,844 25
Bread	3,874 30
Meat and fish	8,778 61
Groceries	14,393 97
Vegetables	658 85
Milk	4,353 39
Fuel	6,811 91
Ice	1,742 33
Drugs, instruments and supplies	1,306 87
Dry goods, clothing and bedding	3,323 71
House furnishing goods and furniture	3,806 90
Forage and bedding for horses	310 74
Repairing vehicles and harness, shoeing horses	148 60
Printing and stationery (including postage)	407 00
Oils, packing, waste and tools used by the engineer	354 75
Car tickets	105 00
Rental of telephone	10 00
Labor and material for repairing fences and maintaining grounds	246 37
Labor and material for repairing buildings (including boilers, machinery and steam heating apparatus) requiring prompt attention	3,229 55
For closing up tunnels in basement	29 58
For repairing flooring at cottages	368 00
For repairing plumbing in bath rooms	287 34
Plastering and painting kitchen walls, and repairing ceilings of kitchen and laundry	433 78
Two new ice boxes	393 19
Inclosing grounds with barbed wire fence	453 66
Overhauling engines	273 00
Ventilating fan for kitchen	435 00
Addition to greenhouse	227 40
Heating apparatus at cottages	475 00
Repairing damages to building caused by tornado	711 09
One house tank	150 00
Heaters for bath rooms	370 00
For entertainments	292 52
Total expenses for the year	$92,606 66
Overdrawn	735 57
	$91,871 09

TABLE NO. 24.

Gross cost of maintenance per capita for the year		$207.64
Average per capita cost of maintenance for one day		.5689
Deducting —		
Cost of pumping water to Poor House, Female Hospital and Fire Engine House, No. 35	$3,009 09	
Amount received from pay patients (sums ranging from $3.00 to $24.00 per month)	4,352 50	
Amount received from St. Louis County patients (paying cost of maintenance)	2,721 53	
Total	$10,083 12	
Net cost of maintenance per capita for the year		$185.03
Net cost of maintenance per capita for one day		.5069

TABLE NO. 25.

NUMBER OF PAY PATIENTS AND ST. LOUIS COUNTY PATIENTS AT CLOSE OF YEAR.

	Men.	Women.	Total.
Pay patients	20	21	41
St. Louis County patients	13	2	15

TABLE NO. 26.

PRODUCTS OF THE FARM AND GARDEN.

Asparagus	100 dozen.	Onions, dry	90 bushels.
Beets	300 dozen.	Onions, green	500 dozen.
Beans	200 bushels.	Okra	10 bushels.
Cabbages	500 barrels.	Parsnips	90 bushels.
Carrots	83 bushels.	Peas	50 bushels.
Celery	200 dozen.	Potatoes, sweet	400 bushels.
Corn, green	2,000 dozen.	Spinach	100 barrels.
Cucumbers	500 dozen.	Squashes	500 dozen.
Cauliflower	100 dozen.	Turnips	100 bushels.
Egg plants	30 dozen.	Lettuce	50 barrels.
Kale	50 barrels.	Radishes	500 dozen.
Kohhabi	100 dozen.	Tomatoes	500 bushels.
Musk-melons	1,000.	Pumpkins	100.
Oyster plants	600 dozen.		

VIII.

FEMALE HOSPITAL.

Presenting eight tables, etc., as follows:

Table No. 1.	Showing statement of diseases treated, etc.
Table No. 2.	Showing the number of patients admitted, discharged, deceased, etc., during the year.
Table No. 3.	Showing social condition of patients admitted.
Table No. 4.	Showing age of patients admitted.
Table No. 5.	Showing nativity of patients admitted.
Table No. 6.	Showing occupation of patients admitted.
Table No. 7.	Showing sundry statistics.
Table No. 8.	Showing financial statement.
Table No. 9.	Showing leaves of absence.

TABLE NO. 1.

CLASSIFIED TABULAR STATEMENT OF DISEASES TREATED, ADMISSIONS, DISCHARGES, DEATHS AND TRANSFERS DURING THE YEAR; ALSO OF CASES REMAINING IN HOSPITAL APRIL 1, 1897.

		Discharged.						
	Remaining April 1, 1896.	Recovered.	Improved.	Not Improved.	Transferred to Asylum or Poor House.	Died.	Remaining April 1, 1897.	Total treated.
Abortion	....	7	2	....	....	....	....	9
Abortion, Threatened	....	2	1	1	....	....	....	4
Abrasion of Forehead	....	1	....	....	....	....	....	1
Abscess of Abdominal Wall	....	....	1	....	....	....	....	1
Abscess of Breast	....	1	3	3	....	....	....	7
Abscess of Face	....	1	....	....	....	....	....	1
Abscess of Finger	....	....	1	....	....	....	....	1
Abscess of Genitals	....	4	....	....	....	....	....	4
Abscess Ischio-Rectal	1	2	3	....	....	1	...	6
Abscess of Thigh	1	....	1	1	....	....	....	2
Adenitis, Inguinal	...	4	3	....	....	....	2	9
Adenitis, of Neck	1	1	2	1	....	....	1	5
Alcoholism	3	14	21	4	....	1	....	40
Amenorrhoea	....	....	2	....	....	....	....	2
Anaemia, Simple	....	1	5	....	....	....	....	6
Anaemia, Pernicious	....	....	....	....	....	1	....	1
Anal Fissure	....	1	....	....	....	....	....	1
Anteflexion of Uterus	....	....	1	1	....	....	....	2
Arthritis Deformans	1	....	2	1	....	....	1	4
Arthritis of Hip	....	2	....	....	....	....	....	2
Arthritis of Knee	2	....	3	....	....	....	1	4
Asphyxiation	....	....	....	....	....	1	....	1
Asthma	....	....	11	2	....	....	2	15
Atheroma Cerebral	....	....	....	....	....	....	1	1
Atlectosis Pulmonum	....	....	....	....	....	3	....	3
Bronchitis	6	21	39	....	4	4	8	76
Broncho-Pneumonia	....	...	1	....	....	7	....	8
Burns of Arm	1	....	2	....	....	....	....	2
Burns of Chest	....	....	....	....	....	....	1	1
Burns of Thigh	....	....	....	....	....	....	1	1
Burns of Trunk	....	....	5	2	....	1	....	8
Carcinoma of Breast	....	....	2	1	....	3	1	7
Carcinoma of Genitals	....	...	....	1	....	....	1	2
Carcinoma of Jaw	....	....	....	....	....	....	1	1
Carcinoma of Liver	....	....	....	....	....	1	2	3
Carcinoma of Perineum	....	....	1	....	....	....	....	1
Carcinoma of Rectum	1	....	1	....	....	1	....	2
Carcinoma of Stomach	....	....	....	1	....	....	....	1
Carcinoma of Uterus	1	....	8	3	....	5	5	21
Cataract	....	....	....	1	....	....	....	1
Cellulitis of Arm	....	1	....	....	....	...	....	1
Cellulitis of Foot	....	...	1	....	....	....	....	1
Cellulitis of Leg	....	2	....	....	....	....	....	2
Cellulitis of Umbilicus	....	....	....	....	....	....	1	1
Cephalalgia	....	3	1	....	....	....	....	4
Cerebral Hemorrhage	2	....	5	2	....	1	6	14
Chancroid	5	9	34	....	....	....	1	44
Cholera Infantum	....	1	....	....	....	....	....	1
Chorea	1	....	2	1	....	....	....	3
Cirrhosis of Liver	....	....	1	....	....	1	....	2
Cocaine Habit	...	....	2	....	....	....	....	2
Colitis	....	....	....	....	....	1	1	2
Colostomy	1	....	....	....	1	....	....	1
Condylomata	....	1	5	....	....	....	....	6
Conjunctivitis	....	....	3	....	....	....	....	3
Constipation	....	4	4	....	....	....	1	9

		Discharged.						
	Remaining April 1, 1896.	Recovered.	Improved.	Not Improved.	Transferred to Asylum or Poor House.	Died.	Remaining April 1, 1897.	Total treated.
Contusion of Arm	....	....	1	....	....	....	....	1
Contusion of Face	....	2	2	....	....	....	....	4
Contusion of Foot	....	1	1	....	....	....	...	2
Contusion of Head	....	1	....	....	....	....	....	1
Contusion of Hip	....	....	3	....	....	....	....	3
Contusion of Leg	....	1	1	....	....	....	....	2
Contusion of side	....	1	1	....	...	....	....	2
Coryza	....	....	....	1	....	....	....	1
Croup	....	....	1	....	....	....	....	1
Cystocele	....	1	....	1	....	....	....	2
Cystitis	4	1	18	....	....	1	....	20
Dermatitis	....	1	....	....	....	....	....	1
Diabetes	1	....	2	....	....	....	....	2
Diphtheria	....	1	....	....	....	....	....	1
Dysentery	....	6	3	....	....	2	2	13
Dysmenorrhoea	....	2	4	1	....	....	....	7
Eczema	1	1	4	....	....	....	1	6
Empyema	....	....	....	....	....	1	....	1
Endometritis	4	12	67	5	1	....	6	91
Enteritis	....	9	10	2	....	11	1	33
Entero-Colitis	....	....	3	....	....	....	....	3
Epilepsy	6	....	26	4	3	....	5	38
Epistaxis	....	1	....	....	....	....	....	1
Erysipelas	1	1	....	....	....	....	....	1
Erythema Nodosum	....	1	....	....	....	....	....	1
Extra-uterine Pregnancy	....	1	....	....	....	....	....	1
Fatty Degeneration of Liver	...	....	....	....	....	1	....	1
Fibroid of Uterus	1	1	4	....	....	....	3	8
Fistula, Faecal	1	1	....	....	....	1	....	2
Fistula, Recto-Vaginal	1	1	3	....	....	....	....	4
Fracture of Clavicle	....	1	....	....	....	....	....	1
Fracture of Femur	....	....	2	....	1	1	2	6
Fracture of Fibula	....	3	....	....	1	....	....	4
Fracture of Humerus	1	....	2	....	....	....	....	2
Fracture of Nose	....	1	....	....	....	....	....	1
Fracture of Radius	1	1	3	....	....	....	....	4
Fracture, Potts'	1	4	....	....	....	....	....	4
Furunculosis	1	....	1	....	....	....	....	1
Gastritis	1	13	16	4	4	....	3	40
Gastro-enteritis	....	5	4	....	....	4	....	13
Goitre	....	....	1	....	....	....	....	1
Gonorrhoea	....	13	60	5	....	....	15	93
Heart Disease, Organic	4	....	16	2	2	8	1	29
Haemaphilia	....	....	....	....	....	2	....	2
Hemorrhoids	....	....	2	1	....	....	....	3
Hernia, Inguinal	....	....	1	....	....	....	....	1
Hernia, Vaginal	....	1	....	....	....	....	1	2
Hernia, Ventral	....	....	1	....	1	....	1	3
Herpes Zoster	1	....	2	....	....	....	....	2
Hodgkins Disease	....	....	1	....	....	1	....	2
Hydrocephalus	....	....	....	1	....	....	....	1
Hysteria	1	....	9	....	....	....	....	9
Imbecility	1	....	....	1	....	....	....	1
Impacted Faeces	1	1	....	....	....	....	....	1
Impectigo	....	4	....	....	....	....	....	4
Inanition	....	....	1	....	....	4	....	5
Incontinence of urine	....	1	....	....	....	....	....	1
Influenza	....	7	1	....	....	....	2	10
Ingrowing toe-nail	....	....	2	....	....	....	....	2
Insanity	....	....	....	....	14	....	....	14
Intra-cranial hemorrhage	....	....	....	...	...	1	....	1

	Remaining April 1, 1896.	—Discharged.—			Transferred to Asylum or Poor House.	Died.	Remaining April 1, 1897.	Total treated.
		Recovered.	Improved.	Not Improved.				
Iritis	2	....	1	2	....	....	1	4
Keratitis	....	....	....	....	....	....	1	1
Laceration of cervix uteri	....	....	....	1	....	....	....	1
Laceration of perineum	....	....	....	....	....	....	2	2
Laryngitis	....	...	1	....	....	....	....	1
Leucorrhoea	....	....	2	1	....	....	....	3
Lipoma, Ischio-rectal	....	1	....	....	....	....	....	1
Locomotor Ataxia	....	....	1	....	....	....	....	1
Lumbago	....	....	1	....	....	....	....	1
Lymphadenoma of genitals	2	....	2	....	....	....	....	2
Malaria	4	45	28	7	....	....	1	81
Marasmus	....	....	1	....	....	....	....	1
Masturbation	....	....	1	1	....	....	....	2
Mastitis	....	....	1	....	....	....	....	1
Meningitis, cerebral	....	1	....	....	....	2	....	3
Metritis	....	....	2	....	....	....	1	3
Metrorrhagia	....	1	1	....	....	....	....	2
Miscarriage	....	5	1	....	....	....	....	6
Morphia habit	2	1	16	9	....	....	1	27
Myelitis	1	....	....	2	....	1	....	3
Nasal Catarrh	....	....	1	....	....	....	....	1
Nephritis	3	1	10	1	....	14	4	30
Neuralgia	....	3	....	....	....	....	....	3
Neurasthenia	1	....	16	8	1	....	6	31
Neuritis	....	....	1	1	....	....	....	2
Neuritis Multiple	....	1	1	....	....	1	....	3
Onychia	....	1	....	....	....	....	....	1
Oophoritis	1	1	....	....	....	....	....	1
Ophthalmia Neonatorum	....	1	....	....	....	....	....	1
Otitis Media	1	....	1	....	....	....	....	1
Paralysis Agitans	....	....	....	....	....	....	2	2
Paralysis Facial	....	....	1	....	....	....	....	1
Paronychia	....	1	1	....	....	....	....	2
Paraplegia	....	2	...	....	2	....	....	4
Paraplegia, Spastic	....	....	1	....	....	....	....	1
Parotid Abscess	....	1	....	....	....	....	....	1
Parturition	....	....	1	....	....	....	....	1
Pediculosis Capitus	....	2	...	....	....	....	....	2
Pelvic Abscess	....	....	....	....	....	1	1	2
Pelvic Peritonitis	6	7	18	....	....	1	3	29
Pelvic Cellulitis	....	2	....	....	....	....	....	2
Periostitis of Humerus	....	....	2	....	....	....	....	2
Pertussis	....	1	6	....	....	....	....	7
Phimosis	....	....	....	....	....	....	1	1
Pharyngitis	....	....	....	....	....	....	1	1
Pleurodynia	....	....	1	....	....	....	....	1
Pleuritis	1	3	4	....	1	1	....	9
Pneumonia	1	4	2	....	....	7	....	13
Potts' Disease	3	....	4	....	....	....	....	4
Pregnancy	36	300	....	97	not delivered	1	51	449
Premature Birth	....	....	....	....	....	10	....	10
Progressive Muscular Atrophy	....	....	....	....	....	....	1	1
Prolapse of Rectum	....	....	....	....	....	....	1	1
Prolapse of Uterus	....	....	2	2	....	....	....	4
Parotiditis	....	....	1	....	....	....	....	1
Pruritus Vulvae	....	....	1	....	....	....	....	1
Pulmonary Emphysema	1	1	3	....	1	2	....	7
Pulmonary Tuberculosis	13	....	29	17	....	44	17	107
Pyaemia, Puerperal	....	....	....	....	....	1	....	1
Rachitis	....	....	1	....	....	....	....	1

		Discharged.						
	Remaining April 1, 1896.	Recovered.	Improved.	Not Improved.	Transferred to Asylum or Poor House.	Died.	Remaining April 1, 1897.	Total treated.
Retroflexion of Uterus	....	....	1	....	....	....	....	1
Retroversion of Uterus	1	....	5	....	....	....	....	5
Rheumatism	8	19	67	2	6	1	8	103
Rötheln	....	2	....	....	....	....	....	2
Rubeola	1	1	....	....	....	....	....	1
Salivation	....	1	....	....	....	....	....	1
Salpingitis	1	12	33	2	....	1	9	57
Scabies	....	1	....	....	....	....	....	1
Sciatica	....	....	2	....	1	....	1	4
Senile Debility	1	....	24	5	13	4	4	50
Senile Dementia	....	....	....	....	....	1	....	1
Septicaemia, Puerperal	2	1	....	....	....	....	....	1
Simple Continued Fever	....	....	1	....	....	....	....	1
Sinus, Abdominal	1	....	2	....	....	....	....	2
Sinus of Thigh	....	....	1	....	....	....	....	1
Softening of Brain	....	....	....	....	....	5	....	5
Spina Bifida	....	....	....	....	....	1	....	1
Spinal Irritation	1	....	1	....	....	....	....	1
Spondylilis, Tubercular	....	....	....	2	....	....	....	2
Sprain of Ankle	....	5	5	....	....	....	....	10
Sprain of Back	1	....	2	....	....	....	....	2
Sprain of Wrist	1	1	2	....	....	....	....	3
Stomatitis	....	....	1	....	....	....	....	1
Stricture of Rectum	1	....	7	3	....	....	2	12
Synovitis of Knee	....	2	2	....	....	....	....	4
Synovitis of Wrist	....	....	1	....	....	....	....	1
Syphilis	3	....	190	8	....	1	11	210
Tonsilitis	....	5	1	....	....	....	1	7
Trachoma	....	....	1	....	....	....	....	1
Tuberculosis of Femur	....	....	....	....	....	....	1	1
Tuberculosis of Knee	....	....	....	....	....	....	1	1
Tumor of Brain	....	....	....	....	....	1	....	1
Tumor of Broad Ligament	....	1	....	....	....	....	....	1
Typhoid Fever	....	2	....	....	....	2	....	4
Ulcer of Foot	....	1	1	....	2	....	....	4
Ulcer of Knee	....	....	1	....	....	....	....	1
Ulcer of Leg	7	20	41	2	....	....	5	68
Ulcer of Hip	....	....	1	....	....	....	....	1
Ulcer of Rectum	2	1	1	....	1	....	....	3
Ulceration of Cervix Uteri	....	1	....	....	....	....	....	1
Ulceration Genitals	....	1	2	....	....	....	....	3
Ulceration of Rectum	....	....	....	....	....	1	2	3
Urethral Caruncle	....	....	1	....	....	....	....	1
Urticaria	....	1	....	....	....	....	....	1
Uterine Colic	....	....	1	...	....	....	....	1
Vaginitis	1	....	4	2	1	....	....	7
Varicella	....	2	....	....	....	....	....	2
Varicose Veins	....	....	1	....	....	....	....	1
Venereal Warts	....	...	1	....	....	....	...	1
Vertigo	....	....	1	....	....	....	....	1
Wound of Arm	....	1	....	....	....	....	....	1
Wound of Face	....	2	3	....	....	....	....	5
Wound of Forehead	....	1	....	....	....	....	....	1
Wound of Foot	....	....	....	....	....	....	1	1
Wound of Hand	....	1	1	....	....	....	....	2
Wound of Scalp	....	6	2	....	....	....	....	8
Wound of Leg	....	1	1	....	....	....	....	2
Wound of Toe	....	1	....	....	....	....	....	1

Nihil.		
	Remaining April 1, 1896	11
	Discharged	193
	Remaining April 1, 1897	13

TABLE NO. 2.

TABLE SHOWING THE NUMBER OF PATIENTS ADMITTED, DISCHARGED, DECEASED, ETC., DURING THE YEAR.

No. Remaining April 1, 1896.		No. Remaining April 1, 1897.	
Males, White	16	Males, White	8
Males, Colored	1	Males, Colored	....
Females, White	136	Females, White	178
Females, Colored	28	Females, Colored	49
Total	181	Total	235

TOTAL ADMITTED.

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	August, 1896.	September, 1896.	October, 1896.	November, 1896.	December, 1896.	January, 1897.	February, 1897.	March, 1897.	Total.
Males, White	17	12	18	12	3	9	7	14	12	9	16	10	139
Males, Colored	1	3	....	3	1	....	.	2	....	1	....	1	12
Females, White	141	167	142	207	161	171	153	155	179	132	121	129	1,858
Females, Colored	42	33	35	53	46	27	12	21	32	48	37	57	443
Total	201	215	195	275	211	207	172	192	223	190	174	197	2,452

TOTAL DISCHARGED.

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	August, 1896.	September, 1896.	October, 1896.	November, 1896.	December, 1896.	January, 1897.	February, 1897.	March, 1897.	Total.
Males, White	13	9	17	6	10	7	1	11	6	5	10	8	103
Males, Colored	1	2	1	2	1	1	1	...	1	1	....	....	11
Females, White	135	154	141	165	165	165	149	135	151	140	112	132	1,744
Females, Colored	40	40	24	35	34	32	21	17	25	28	27	43	366
Total	189	205	183	208	210	205	172	163	183	174	149	183	2,224

TOTAL DEATHS.

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	August, 1896.	September, 1896.	October, 1896.	November, 1896.	December, 1896.	January, 1897.	February, 1897.	March, 1897.	Total.
Males, White	1	1	4	1	....	3	3	2	2	3	1	2	23
Males, Colored	....	....	.. .	....	....	....	....	1	..	....	....	1	2
Females, White	10	3	9	3	10	10	6	7	8	12	3	11	92
Females, Colored	3	1	3	8	6	6	6	3	4	5	5	7	57
Total	14	5	16	12	16	19	15	13	14	20	9	21	174

BIRTHS (INCLUDING STILLBORN).

MONTH.	April, 1896.	May, 1896.	June, 1896.	July, 1896.	August, 1896.	September, 1896.	October, 1896.	November, 1896.	December, 1896.	January, 1897.	February, 1897.	March, 1897.	Total.
Males, White	11	13	4	11	18	16	5	10	5	11	13	5	122
Males, Colored	3	1	3	3	4	5	....	2	4	5	1	1	32
Females, White	8	7	10	5	8	15	8	10	11	15	11	7	115
Females, Colored	3	....	5	4	3	1	4	3	1	4	2	4	34
Total	25	21	22	23	33	37	17	25	21	35	27	17	303
Stillborn	3	....	4	1	1	1	...	....	....	1	...	.	11
Living Children	22	21	18	22	32	36	17	25	21	34	27	17	292
Cases of Twins	...	2	....	..	...	....	....	2	...	..	1	1	6

TABLE NO. 3.

SOCIAL CONDITION OF PATIENTS ADMITTED.

	Male.	Female.	Total.
Single	151	1,176	1,327
Married	...	757	757
Widowed	...	367	367
Unknown	...	1	1
Total	151	2,301	2,452

TABLE NO. 4.

SHOWING AGE OF PATIENTS ADMITTED.

	White.	Colored.	Total.
Under 1 year	98	5	103
From 1 to 5	131	5	136
" 5 " 10	49	11	60
" 10 " 20	279	100	379
" 20 " 30	643	160	803
" 30 " 40	308	57	365
" 40 " 50	198	22	220
" 50 " 60	139	32	171
" 60 " 70	135	9	144
" 70 " 80	41	5	46
" 80 " 90	20	2	22
" 90 " 100	2	....	2
" 100 " 110	....	1	1
Total	1,997	455	2,452

TABLE NO. 5.

SHOWING NATIVITY OF PATIENTS ADMITTED.

Atlantic Ocean	3	Poland	2
Austria	1	Prussia	1
Australia	1	Russia	14
Bohemia	2	Scotland	11
Canada	16	St. Louis	601
Denmark	3	Sweden	2
England	47	Switzerland	8
France	7	United States	1,303
Germany	137	Unknown	11
Hungary	6	Wales	4
Ireland	270		
Italy	2	Total	2,452

TABLE NO. 6.

SHOWING OCCUPATION OR PATIENTS ADMITTED.

Artists	1	Nihil	434
Actresses	2	Nurses	19
Clerks	10	Peddlers	4
Cooks	82	Prostitutes	203
Dress makers	6	Seamstresses	69
Domestic services	3	Servants	786
Factory girls	12	School girls	4
Housekeepers	87	Stenographers	1
Housewives	566	Waitresses	20
Laundresses	76	Washerwomen	52
Milliners	3	Washer, dish	11
Missionary	1		
Total			2,452

TABLE NO 7.

Daily average number employees	49.21
Dailey average number patients	210.89
Daily per capita expense of patients	.65
Daily per capita expense of patients and employees	.53
Daily average expense per capita for sustenance patients and employees	.17

TABLE NO. 8.

SHOWING BALANCE SHEET, 1896–1897 — THE FEMALE HOSPITAL WITH CITY OF ST. LOUIS.

Cr. by Appropriation by Ordinance No. 18577	$46,750 00	
Cr. by Appropriation by Ordinance No. 18765	1,500 00	
Cr. by Appropriation by Ordinance No. 18856	1,250 00	
		$49,500 00

LIBRARY UNIVERSITY OF ILLINOIS

Salaries of Superintendent and employees	$19,321 83	
Expenses:—		
Bread	1,257 94	
Meat and fish	5,422 57	
Groceries	5,331 57	
Chickens	20 89	
Vegetables	2 50	
Milk	2,957 83	
Fuel	2,746 17	
Ice	1,085 10	
Drugs, instruments and supplies	3,190 02	
Dry goods, clothing and bedding	1,319 21	
House furnishing goods and furniture	1,732 72	
Forage and bedding for horses	121 81	
Repairing vehicles and harness, shoeing horses	50 88	
Printing and stationery (including postage)	531 32	
Oils, packing, waste and tools used by engineer	284 56	
Lumber and materials for coffins	45 00	
Car tickets	45 00	
Rent of telephone	5 00	
Labor and materials, for repairing fences and maintaining grounds	267 54	
Labor and materials, for repairing buildings (including boilers, machinery and steam-heating apparatus) requiring prompt attention	2,499 30	
Repairs of heating apparatus and radiators	494 56	
Window guards	82 00	
Furnishing new lying-in building	1,484 59	
Total		$50,299 91
Overdrawn		799 91
Total appropriations		$49,500 00
Special repairs of roof following tornado of May 27, 1896, as per ordinance No. 18526		$337 50

TABLE NO. 9.

SHOWING LEAVES OF ABSENCE GRANTED DURING THE YEAR ENDING MARCH 31, 1897.

H. S. Crossen, M. D., Superintendent, August 19–September 8, 20 days.
H. S. Crossen, M. D., Superintendent, November 25–December 5, 11 days.
F. W. Bredemeyer, chief clerk, June 20–July 2, 13 days.
John Roles, chief cook, October 18–27, 10 days.
Robert Rutherford, night watchman, September 7–21, 15 days.
H. C. Watkins, store-keeper, December 22–31, 10 days.
Lydia C. Brown, matron, October 5–19, 15 days.
Annie Scott, day nurse, August 10–24, 15 days.
Gertrude Chaney, day nurse, December 6–15, 10 days.
Maggie McLaughlin, day nurse, November 11–21, 10 days.
Sarah Jordan, day nurse, October 19–29, 10 days.
Maggie Fay, day nurse, September 24-October 4, 10 days.
Anna Cahill, night nurse, August 26–September 4, 10 days.
Belle Brown, night nurse, October 17–26, 10 days.
Annie Crump, night nurse, November 1–10, 10 days.
Eliza Turpin, night nurse, September 7–16, 10 days.
Kate McDermott, day nurse, August 18–25, 8 days.
Julia Hart, assistant cook, August 25–29, 10 days.
Julia Eagan, assistant patients' kitchen, July 20–30, 10 days.
Maggie McNally, chief laundress, September 17–27, 10 days.
Maggie Halloran, assistant laundress, October 9–19, 10 days.
Johanna Reardan, assistant laundress, October 21-31, 10 days.
Mary Daily, assistant laundress, November 18–25, 8 days.
Annie Ladd, assistant laundress, November 4–14, 10 days.
Mary Riley, assistant cook, November 15–25, 10 days.
Rose Denny, housekeeper, November 4–14, 10 days.
Mollie Hannigan, housekeeper, October 5-15, 10 days.

IX.

POOR HOUSE.

Presenting thirty tables, etc., as follows:

Table No. 1. Showing receipts and expenditures.
Table No. 2. Showing the net expenditures after deducting the following amounts turned over to the City.
Table No. 3. Showing the cost of maintenance per capita.
Table No. 4. Showing the cost of maintenance per capita after deducting credits.
Table No. 5. Showing operation of bakery.
Table No. 6. Showing operation of dairy.
Table No. 7. Showing the number of head of cattle bred, killed and died during the year.
Table No. 8. Showing miscellaneous products.
Table No. 9. Showing number or paupers admitted, discharged, transferred to Insane Asylum and died during the year.
Table No. 10. Showing the nativity of paupers admitted during the year.
Table No. 11. Showing the nativity of paupers discharged during the year.
Table No. 12. Showing the nativity of paupers who died during the year.
Table No. 13. Showing the nativity of paupers in Poor House April 1st, 1897.
Table No. 14. Showing the number of paupers from St. Louis County at the end of the year.
Table No. 15. Showing causes of death of paupers for the year ending March 31st, 1897.
Table No. 16. Relating to insane department of the Poor House.
Table No. 17. Showing nativity of those remaining at the end of the year.
Table No. 18. Showing the number of pay patients and St. Louis County patients at close of year.
Table No. 19. Showing nativity of insane patients who died during the year.
Table No. 20. Showing age of insane patients who died during the year.
Table No. 21. Showing causes of death of insane patients for year ending March 31st, 1897.
Table No. 22. Showing former occupation of insane patients in Poor House April 1st, 1897.
Table No. 23. Showing articles of clothing made in sewing room.
Table No. 24. Showing articles of clothing repaired in sewing room.
Table No. 25. Showing articles of private clothing made in sewing room.
Table No. 26. Showing articles repaired in shoe and tailor shops.
Table No. 27. Showing number, sex, color and nativity of inmates buried in Poor House Cemetery during the year.
Table No. 28. Showing nativity, sex and color of interments in Poor House Cemetery during the year.
Table No. 29. Showing number of visitors from April 1st, 1896, to March 31st, 1897.
Table No. 30. Showing leaves of absence granted during the year ending March 31st, 1897.

TABLE NO. 1.

RECEIPTS AND EXPENDITURES.

Appropriations	$123,018 75	
Less amount of unpaid bills last fiscal year	343 75	$122,675 00
EXPENDITURES.		
Salaries of Superintendent and employees	$34,965 59	
Bread	9,518 33	
Meat and fish	17,262 48	
Groceries	24,755 56	
Chickens	57 60	
Milk	3,475 73	
Fuel	9,733 48	
Ice	2,666 87	
Drugs, instruments and supplies	1,293 40	
Dry goods, clothing and bedding	9,256 66	
House furnishing goods and furniture	6,385 55	
Forage and bedding for horses	13 65	
Repairing vehicles and harness, shoeing horses	138 08	
Printing and stationery (including postage)	405 11	
Oils, packing, waste and tools used by engineer	370 57	
Lumber and materials used for coffins	10 00	
Car tickets	25 00	
Rent of telephone	5 00	
Labor and materials for repairing fences and maintaining grounds	340 56	
Labor and materials for repairing buildings, etc	3,577 30	
		$124,280 08
Overdrawn		1,605 08
		$122,675 00

TABLE NO. 2.

SHOWING THE NET EXPENDITURES AFTER DEDUCTING THE FOLLOWING AMOUNTS TURNED OVER TO THE CITY.

Total expenses for the year		$124,280 08
CREDITS.		
Profits of bakery	$5,795 93	
Board bills of County and other patients	3,506 40	
Old iron, rags, etc	168 30	$9,470 63
Net expenses of the year		$114,809 45

TABLE NO. 3.

SHOWING THE COST OF MAINTENANCE PER CAPITA.

For one year	$90.00
For one month	7.50
For one week	1.73
For one day	.2475

TABLE NO. 4.

SHOWING THE COST OF MAINTENANCE PER CAPITA AFTER DEDUCING CREDITS.

For one year	$84.233
For one month	7.019
For one week	1.615
For one day	.2307

TABLE NO. 5.

POOR HOUSE BAKERY.

Bread, flour, fuel, etc., on hand April 1, 1896		$460 66	
Flour and fuel purchased		18,125 82	
Yeast		234 77	
Lard, ice, sugar, salt and corn meal		1,422 44	
Potatoes		846 78	
Salaries of five bakers		2,820 00	
Salary of one bread wagon driver		420 00	
Feed and care of horses, shoeing, etc		1,015 91	
Repairs, bakery		229 66	
Repairs, wagon		34 80	
Tools		54 60	
Total cost		$25,665 44	
By bread sold:			
Work House	362,087 lbs.		$9,052 23
City Hospital	149,054 "		3,726 34
City Jail	119,666 "		2,991 67
Metropolitan Police	10,676 "		266 93
Insane Asylum	154,972 "		3,874 30
Female Hospital	50,318 "		1,257 94
Poor House	380,733 "		9,518 33
Total	1,227,506 lbs.		$30,687 74
Empty barrels sold, 4,389			615 34
Bread, flour, fuel, etc., on hand April 1, 1897			158 29
Total credits			$31,461 37
Cost of running bakery			25,665 44
Net profit			$5,795 93

TABLE NO. 6.

POOR HOUSE DAIRY.

Forage purchased	$1,102 05		
Printing, vouchers and pay-rolls	18 50		
Salary of dairy help	1,020 00		
Total cost	$2,140 55		
By milk sold:			
Poor House		19,339 gal.	$2,140 55

TABLE NO. 7.

SHOWING THE NUMBER OF CATTLE BRED, KILLED AND DIED DURING THE YEAR.

	Bulls.	Cows.	Calves.	Total.
On hand April 1, 1896	1	29	4	34
Bred	1	..	18	19
Total	2	29	22	53
Died	..	4	4	8
Killed	1	1	16	18
Total	1	5	20	26
On hand April 1, 1897	1	24	2	

TABLE NO. 8.

MISCELLANEOUS PRODUCTS.

Eggs, 894 doz., at 15 cts.	$134 10
Chickens, 280, at 40 cts. each	112 00
Pigeons, 90 pairs, at 25 cts. a pair	22 50
Soft-soap, 20,075 gallons, at 8 cts. per gallon	1,606 00
Chip soap, 15,000 lbs., at 5 cts. per pound	750 00
Total	$2,624 60

TABLE NO. 9.

SHOWING NUMBER OF PAUPERS ADMITTED, DISCHARGED, TRANSFERRED TO INSANE ASYLUM AND DIED DURING THE YEAR.

	Males.	Females.	Total.
Paupers present April 1, 1896	395	198	593
Admitted	337	106	443
Total number cared for during year	732	304	1036
Discharged	197	86	283
Transferred to Insane Asylum	5	4	9
Died	57	28	85
Total	259	118	377
Remaining March 31, 1897	473	186	659
Daily average number present	425	177	602

TABLE NO. 10.

SHOWING THE NATIVITY OF PAUPERS ADMITTED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Austria	..	1	1	Norway	1	..	1
Bohemia	3	..	3	Poland	3	..	3
Bavaria	1	..	1	Prussia	3	..	3
Denmark	2	..	2	Russia	2	..	2
England	8	..	8	Scotland	3	1	4
France	8	1	9	Sweden	6	..	6
Finland	1	..	1	Switzerland	6	1	7
Germany	88	12	100	United States	81	32	113
Ireland	116	58	174	Unknown	5	..	5
Total					337	106	443

TABLE NO. 11.

SHOWING THE NATIVITY OF PAUPERS DISCHARGED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Austria	..	1	1	Prussia	3	..	3
Bohemia	3	..	3	Poland	2	..	2
Canada	2	..	2	Russia	1	..	1
England	7	..	7	Scotland	1	..	1
Finland	1	..	1	Switzerland	2	..	2
France	4	1	5	Sweden	4	..	4
Germany	47	11	58	United States	42	28	70
Ireland	80	49	129	Unknown	2	..	2
Norway	1	..	1				
Total					202	90	292

TABLE NO. 12.

SHOWING THE NATIVITY OF PAUPERS WHO DIED DURING THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Canada	1	..	1	Ireland	13	11	24
England	2	..	2	Scotland	2	..	2
France	1	1	2	United States	16	9	25
Germany	22	6	28	Unknown	..	1	1
Total					57	28	85

TABLE NO. 13.

SHOWING THE NATIVITY OF PAUPERS IN POOR HOUSE APRIL 1, 1897.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Bohemia	2	5	7	Italy	3	1	4
Bavaria	1	..	1	Poland	2	..	2
Canada	..	1	1	Prussia	1	..	1
Denmark	5	..	5	Russia	1	..	1
England	5	6	11	Switzerland	7	2	9
France	13	1	14	Sweden	8	..	8
Guinea	1	..	1	Sclavonia	2	..	2
Germany	122	24	146	Scotland	6	3	9
Holland	2	..	2	United States	123	57	180
Hungary	2	..	2	Unknown	19	9	28
Ireland	148	77	225				
Total					473	186	659

TABLE NO. 14.

SHOWING THE NUMBER OF PAUPERS FROM ST. LOUIS COUNTY AT THE END OF YEAR.

Males	17
Females	5
Total	22

TABLE NO. 15.

CAUSES OF DEATH OF PAUPERS FOR THE YEAR ENDING MARCH 31, 1897.

	Males.	Females.	Total.
Apoplexy	1	....	1
Atheroma, senile	1	1	2
Aneurism, Aortic	1	....	1
Asthma	2	....	2
Bronchitis, chronic	3	....	3
Carcinoma	1	1	2
Dysentery	....	1	1
Debility, senile	1	....	1
Dilation of heart	1	....	1
Drowned (suicide)	1	....	1
Diarrhoea, chronic	1	....	1
Entero-colitis, acute	1	....	1
Enteritis, acute	....	1	1
Gastro-enteritis	1	....	1
Gastritis	1	1	2
Hemiplegia	1	3	4
Nephritis	14	5	19
Phthisis-pulmonalis	7	3	10
Phthisis, pneumonic	1	....	1
Pericarditis, acute	1	....	1
Paralysis, agitans	1	....	1
Pneumonia	5	1	6
Regurgitation, aortic	1	1	2

	Males.	Females.	Total.
Regurgitation, mitral	....	1	2
Senility	3	6	9
Septicaemia (abscess of hip)	1	....	1
Softening of brain	1	1	2
Tabes, dorsalis	1	....	1
Uraemia	....	1	1
Ulceration of leg (senile)	1	....	1
Valvular disease of heart	3	1	4
Total	57	28	85

TABLE NO. 16.

RELATING TO INSANE DEPARTMENT OF THE POOR HOUSE.

Movement of Population.	Males.	Females.	Total.
Number at beginning of year	312	441	753
Received by transfer from Asylum	9	37	46
Whole number treated during year	321	478	799
Discharged improved	....	1	1
Discharged unimproved	6	7	13
Transferred to Insane Asylum	1	....	1
Died	18	16	34
Total	25	24	49
Remaining March 31, 1897	296	454	750
Daily average number present	311	450	761

TABLE NO. 17.

SHOWING THE NATIVITY OF THOSE REMAINING AT THE END OF THE YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Bohemia	4	6	10	Italy	3	2	5
Bavaria	2	....	2	Norway	1	....	1
Belgium	....	1	1	Poland	1	....	1
Canada	3	2	5	Russia	4	2	6
Denmark	2	2	4	Switzerland	5	5	10
England	....	7	7	Scotland	5	4	9
France	....	2	2	Sweden	3	....	3
Germany	66	131	197	United States	151	186	337
Hungary	1	1	2	Unknown	10	13	23
Ireland	35	90	125				
Total					296	454	750

TABLE NO. 18.

SHOWING THE NUMBER OF PAY PATIENTS AND ST. LOUIS COUNTY PATIENTS AT CLOSE OF YEAR.

	Males.	Females.	Total.
Pay patients	3	7	10
St. Louis County patients	3	7	10

TABLE NO. 19.

SHOWING NATIVITY OF INSANE PATIENTS WHO DIED DURING YEAR.

	Males.	Fem.	Total.		Males.	Fem.	Total.
Belgium	1	....	1	Poland	....	1	1
England	1	1	2	United States	10	8	18
Germany	2	2	4	Unknown	1	1	2
Ireland	3	3	6				
Total					18	16	34

TABLE NO. 20.

SHOWING AGE OF INSANE PATIENTS WHO DIED DURING THE YEAR.

	Males.	Fem.	Total.
Between 5 and 10 years	1	1	2
" 10 and 15 years	....	.. .	....
" 15 and 20 years	2	....	2
" 20 and 25 years	1	1	2
" 25 and 30 years	3	....	3
" 30 and 35 years	....	....	....
" 35 and 40 years	1	1	2
" 40 and 45 years	1	....	1
" 45 and 50 years	2	3	5
" 50 and 55 years	3	2	5
" 55 and 60 years	....	1	1
" 60 and 65 years	3	4	7
" 65 and 70 years	....	1	1
" 70 and 75 years	....	2	2
" 75 and 80 years	1	....	1
Total	18	16	34

TABLE NO. 21.

CAUSE OF DEATH OF INSANE PATIENTS FOR YEAR ENDING MARCH 31, 1897.

	Males.	Fem.	Total.
Colitis, acute, senility	1	1	2
Dementia, paretic	3	1	4
Debility	....	1	1
Diarrhoea	1	1	2
Epilepsy	3	1	4
Fatty degeneration of heart	1	....	1
Nephritis, intestinal	2	....	2
Phthisis Pulmonalis	5	7	12
Senility	....	1	1
Strangulation during epileptic fit	1	....	1
Tuberculosis	....	1	1
Uraemia	....	1	1
Valvular disease of heart	1	1	2
Total	18	16	34

TABLE NO. 22.

SHOWING THE FORMER OCCUPATION OF INSANE PATIENTS IN POOR HOUSE, APRIL 1, 1897.

	Males.	Females.	Total.
Actresses	..	1	1
Bakers	8	..	8
Barbers	6	..	6
Basket-makers	5	..	5
Boiler-makers	4	..	4
Book-binders	1	..	1
Bookkeepers	1	..	1
Box-makers	2	..	2
Butchers	1	..	1
Cabinet-makers	2	..	2
Carpenters	8	..	8
Carriage-makers	2	..	2
Cigar-makers	4	..	4
Clerks	8	..	8
Coachmen	3	..	3
Cooks	4	2	6
Coopers	6	..	6
Conductors	2	..	2
Domestic services	..	89	89
Dress-makers	..	7	7
Druggists	1	..	1
Engineers	1	..	1
Farmers	5	..	5
Firemen	2	..	2
Florists	2	..	2
Furniture-makers	2	..	2
Factory girls	..	1	1
Gardeners	1	..	1
Gas-fitters	2	..	2
Glove cutters	1	..	1
Hostlers	3	..	3
Iron molders	4	..	4

	Males.	Females.	Total.
Laborers	73	..	73
Laundresses	..	9	9
Lithographers	1	..	1
Lamp-lighters	1	..	1
Lottery men	1	..	1
Machinists	2	..	2
Mattress-makers	1	..	1
Merchants	4	..	4
Milliners	..	4	4
Miners	2	..	2
Music teachers	..	2	2
Midwives	..	1	1
Newsboys	1	..	1
Notaries	1	..	1
No occupation	39	63	102
Painters	5	..	5
Printers	3	..	3
Peddlers	..	4	4
Plumbers	1	..	1
Policemen	1	..	1
Postal clerks	1	..	1
Prostitutes	..	3	3
River men	1	..	1
Railroad men	3	..	3
Saddlers	2	..	2
Saloon-keepers	2	..	2
Salesmen	1	..	1
Salesladies	..	2	2
Servants	..	5	5
School teachers	1	2	3
Shoemakers	4	..	4
Stone-cutters	1	..	1
Stone-masons	4	..	4
Students	..	1	1
Seamstresses	..	17	17
Tailors	1	..	1
Tinners	6	..	6
Tobacconists	4	1	5
Type-setters	2	..	2
Telegraph operators	1	..	1
Undertakers	2	..	2
Upholsterers	1	..	1
Unknown	24	53	77
Washerwomen	..	2	2
Whiteners	3	..	3
Housewives	..	145	145
Housekeepers	..	40	40
Hucksters	2	..	2
Tanners	1	..	1
Marble-cutters	2	..	2
Total	296	454	750

TABLE NO. 23.

SHOWING ARTICLES OF CLOTHING MADE IN SEWING ROOM.

	No.		No.
Aprons	358	Pillow cases	1,018
Caps	160	Pillow ticks	552
Camisoles	32	Skirts	305
Curtains	29	Shirts	748
Chemises	422	Sheets	926
Dresses, check	475	Spreads	345
Duck suits	61	Towels	610
Drawers, pairs	850	Undershirts	335
Night-gowns	266		
Total			7,492

TABLE NO. 24.

SHOWING ARTICLES OF CLOTHING REPAIRED IN SEWING ROOM.

	No.		No.
Aprons	126	Shirts	4,283
Camisoles	69	Sheets	9
Duck suits	194	Table cloths	14
Drawers	2,910	Towels	23
Jean suits	37	Undershirts	2,608
Pillow covers	18		
Total			10,291

TABLE NO. 25.

SHOWING ARTICLES OF PRIVATE CLOTHING MADE IN SEWING ROOM.

	No.		No.
Aprons	28	Drawers	17
Basques	3	Night-gowns	10
Chemises	17	Skirts	24
Dresses	122		
Total			221

TABLE NO. 26.

SHOWING ARTICLES REPAIRED IN SHOE AND TAILOR SHOPS.

	No.		No.
Coats	473	Slippers	709
Pants	2,806		
Vests	407	Total	5,819
Shoes, pairs	1,424		

TABLE NO. 27.

SHOWING THE NUMBER, SEX, COLOR AND NATIVITY OF INMATES BURIED IN POOR HOUSE CEMETERY DURING THE YEAR.

	Whites.		Colored.		
	Males.	Females.	Males.	Females.	Total.
Alsace	1	....	....	....	1
Belgium	1	....	....	....	1
England	....	1	....	....	1
Germany	11	3	....	....	14
Ireland	3	4	....	....	7
Scotland	1	....	....	....	1
United States	11	4	2	1	18
Unknown	....	2	....	....	2
Total	28	14	2	1	45

TABLE NO. 28.

SHOWING THE NATIVITY, SEX, AND COLOR OF INTERMENTS IN POOR HOUSE CEMETERY DURING THE YEAR.

	White.				Colored.					
	Adults.		Children.		Adults.		Children.			
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Stillborn.	Total.
Austria	3	....	....	....	....	....	....	....	....	3
Alsace	1	....	....	....	....	....	....	....	....	1
Belgium	2	....	....	....	....	....	....	....	....	2
Bohemia	2	....	....	....	....	....	....	....	....	2
Canada	1	....	....	....	....	....	....	....	....	1
England	3	1	....	....	....	....	....	....	....	4
France	1	....	....	....	....	....	....	....	....	1
Germany	51	5	....	....	....	....	....	....	....	56
Ireland	33	11	....	....	....	....	....	....	....	44
Italy	3	....	....	....	....	....	....	....	....	3
Mexico	1	....	....	....	....	....	....	....	....	1
Norway	1	....	....	....	....	....	....	....	....	1
Poland	1	....	....	....	....	....	....	....	....	1
Russia	1	....	....	....	....	....	....	....	....	1
Sclavonia	1	....	....	....	....	....	....	....	....	1
Switzerland	9	....	....	....	....	....	....	....	....	9
Sweden	3	....	....	....	....	....	....	....	....	3
Scotland	7	....	....	....	....	....	....	....	....	7
United States	75	14	97	71	31	16	20	17	111	452
Unknown	35	3	3	1	2	....	....	....	....	44
West Indies	1	....	....	....	....	....	....	....	....	1
Total	235	34	100	72	33	16	20	17	111	638

TABLE NO. 29.

SHOWING THE NUMBER OF VISITORS FROM APRIL 1, 1896, TO MARCH 31, 1897.

April	460
May	505
June	490
July	410
August	301
September	360
October	420
November	323
December	430
January	310
February	330
March	439
Total	4,778

TABLE NO. 30.

SHOWING LEAVES OF ABSENCE GRANTED DURING THE YEAR ENDING MARCH 31, 1897.

John Farrington, night watch, from April 15th to April 24th, with pay.
Wm. Buckley, attendant, from April 25th to May 4th, with pay.
Chas. Flynn, attendant, from May 5th to May 14th, with pay.
Thos. Coleman, attendant, from May 15th to May 24th, with pay.
Arthur Berliner, attendant, from May 25th to June 3rd, with pay.
C. K Dyer, supervisor, from June 4th to June 13th, with pay.
Oscar Miller, night watch, from June 14th to June 23rd, with pay.
Geo. Dryer, attendant, from June 24th to July 3rd, with pay.
H. S. Truax, attendant, from July 4th to July 13th, with pay.
Albert Smets, attendant, from July 14th to July 23rd, with pay.
C. H. Rotenhagen, attendant, from July 24th to August 2nd, with pay.
G. A. Mueller, from August 3rd to August 12th, with pay.
Geo. Decker, supervisor, from September 12th to September 21st, with pay.
Geo. C. Sloan, attendant, from October 2nd to October 11th, with pay,
G. W. Gannaway, attendant, from October 12th to October 21st, with pay.
Kate Meegan, attendant, from April 15th to April 24th, with pay.
Kate Green, attendant, from April 25th to May 4th, with pay.
Mollie O'Rourke, attendant, from May 5th to May 14th, with pay.
Letitia Lockhart, attendant, from May 15th to May 24th, with pay.
Nellie Howard, attendant, from May 25th to June 3rd, with pay.
Mary Callaghan, attendant, from June 4th to June 13th, with pay.
P. J. Reising, night watch, from June 14th to June 23d, with pay.
Mary Stannard, night watch, from June 24th to July 3rd, with pay.
Dora Comerford, attendant, from July 4th to July 13th, with pay.
Ida Krenning, attendant, from July 14th to July 23rd, with pay.
Mary Quigley, attendant, from July 24th to August 2nd, with pay.
Louise Beckham, night watch, from August 3rd to August 12th, with pay.
Sarah Boyle, attendant, from August 13th to August 22d, with pay.
Theresa Seegar, attendant, from August 23rd to September 1st, with pay.
Mamie Wedler, attendant, from August 28th to September 1st, with pay.
Ruth Fleetwood, night watch, from September 2nd to September 11, with pay.
M. J. Junkin, attendant, from September 12th to September 21st, with pay.
Nettie Brown, attendant, from September 22nd to October 1st, with pay.
Martha Dennis, attendant, from October 2nd to October 11th, with pay.
Janet Wilson, supervisor, from October 2nd to October 11th, with pay.
Julia Cronin, attendant, from October 12th to October 21st, with pay.
Lizzie Phillips, attendant, from October 22nd to October 31st, with pay.
Mamie Wedler, attendant, from November 1st to November 5th, with pay.
Pauline Maltitz, attendant, from November 6th to November 15th, with pay.
Theresa Beile, attendant, from November 16th to November 25th, with pay.
Mary Otterson, night watch, from November 26th to December 5th, with pay.
Sarah Doran, attendant, from December 6th to December 15th, with pay.
Minnie Kussman, attendant. from December 16th to December 25th, with pay.
Rhoda Moslander, attendant, from December 26th to January 4th, with pay.
Ada Kennel, attendant, from January 5th to January 14th, with pay.
J. L. Oberbeck, Superintendent, from May 10th to May 23rd, with pay.
Annie V. Oberbeck, matron, from May 10th to May 23d, with pay.
Margaret McGeehon, first-class help, from May 9th to May 14th, with pay.

Josephine Shehan, attendant, from June 2nd to June 11th, with pay.
Jacob Schadt, baker, from May 21st to May 26th, with pay.
J. J. Meredith, assistant physician, from July 11th to July 19th, with pay.
J. L. Oberbeck, Superintendent, from July 20th to July 24th, with pay.
Clara Colbert, assistant laundress, from August 7th to August 16th, with pay
Sarah Boyle, attendant, from August 23d to August 30th, with pay.
J. L. Oberbeck, Superintendent, from August 18th to August 19th, with pay.
J. G. Blanchard, night watchman, from August 30th to September 8th, with pay.
J. W. Jelks, assistant physician, from September 7th to September 20th, with pay.
J. J. Meredith, assistant physician, from September 10th to September 15th, with pay.
Mary Stannard, night watch, from September 19th to October 19th, half pay.
J. L. Oberbeck, Superintendant, from October 10th to October 11th, with pay.
J. G. Blanchard, night watchman, from October 10th to October 11th, with pay.
M. R. Horwitz, assistant physician, from October 12th to October 21st with pay.
A. J. Sands, assistant clerk, from November 25th to November 29th, with pay.
Mary Graham, night watch, from December 24th to January 2nd, with pay.
F. P. Childress, attendant, from February 21st to March 2nd, with pay.

ANNUAL REPORT

OF THE

President of the Board of Public Improvements.

For the Fiscal Year ending April 12, 1897.

St. Louis, April 13, 1897.

Hon. Board of Public Improvements:

Gentlemen: — I have the honor to submit my report for the fiscal year, ending April 12, 1897.

For details as to expenditures and statistics of work done in my department, I refer you to the accompanying reports of: —

Assistant to President of Board of Public Improvements.
Secretary to President of Board of Public Improvements.
Assessor of Special Taxes.
Supervisor of City Lighting.
Supervisor of Plumbing.
Smoke Inspectors.

DEPARTMENT VOUCHERS.

The volume of accounts passing through the President's office and approved by him in the aggregate was $3,553,504.54, being $121,614.64 less than the previous year.

SPECIAL TAX ASSESSMENTS.

The number of Special Tax bills issued during the year was 7693, amounting to $540,565.33, being 1047 less in number and $189,258.51 greater in amount than the previous year.

Sprinkling tax bills to the number of 83,177 were issued, being an increase of 4,920.

NEW CITY HALL.

Work has been in progress throughout the year. Under the authority of Ordinance 15,558, Mr. Theodore C. Link was employed as Consulting Architect, to revise the plans of the building. The principal change made was to run the east corridor straight through on the second and third floors. This diminished the size of Council Chamber and is a decided improvement. It also removed a heavy brick wall that had been supported on five cast iron columns. It was found that the wall was so built as to impose an unsymmetric load on the columns. Mr. Link made special study of the room arrangements and laid out the floor plans of the several offices, location of partitions, counters and permanent furnishing. He suggested other changes, especially as to the principal entrances to the building; but the increased cost was such as to compel the City Hall Commission to withhold approval of the suggestion.

The defective iron work was removed or reinforced by the contractors who had done the work, at their own cost. Other defects due to insufficient plans were remedied at the expense of the city. At the present time all defects that required remedy have been attended to, except the copper and sheet metal work of gutters, the glass roof over rotunda, and the tile and slate roofing. During the years since the roofing was put on, storms and the acts of vandals have done considerable damage, that can only be found by diligent search, though their existence is made manifest by leaks. The cyclone of May 27, 1896, did some damage and displaced some of the cut stone ornamental work of the dormers. Some fell through the roof and some fell outside of the building. I recommend that the situation be studied and such of the ornamental work removed as is liable to be displaced by future storms. Much of this work will not, in my opinion, be missed by the ordinary observer if removed.

The grounds were partially graded and granitoid sidewalks were laid nearly around the square in anticipation of the National Republican Convention, cost, $3,971.75. The conduits for pipes, etc., in basement, one battery of boilers, heating plant, electric wiring, fire-proofing and cement flooring, sheet metal work of heating and ventilating system, structural iron of stairways, window frames, plumbing and plastering have advanced as far as possible until marble and other work is let and begun.

If it be decided to occupy the building as soon as the several department rooms are ready, it will be possible if adequate appropriation is made, $225,000, to have most of the departments housed the coming winter in the north and south wings. The central section would still be unfinished and unprovided for.

OTHER PUBLIC BUILDINGS.

The need of the various buildings for thorough repairs has increased during the year. The small appropriations made for necessary repairs requiring prompt attention do not allow more than to keep the buildings habitable; they do not maintain them. We well know that our jail is insecure, because plates, rivets, bolts and bars have rusted. The Four Courts building is dilapidated in structure as well as in outward appearance. The Court House sorely needs renovation. The hospitals, Poor-house, Insane Asylum, Workhouse and House of Refuge are in urgent need of new buildings; but the ability of the city to meet these demands out of ordinary revenues is diminishing.

The voters and tax-payers of the city must face the alternative: either turn the criminals and unfortunates out of doors, or else make provision for housing and caring for them in the only way possible.

The constitution of the State makes ample provision for these necessities. Evidently its framers never intended that any county, city or school district should undertake the erection of buildings out of ordinary revenue, or without submitting the question of their erection to the voters.

> Section 11, Art. X, provides: "For the purpose of erecting public buildings in Counties, Cities or School districts, the rates of taxation herein limited may be increased when the rate of such increase and the purpose for which it is intended shall have been submitted to a vote of the people, and two-thirds of the qualified voters of such County, City or School District, voting at such election, shall vote therefor."

The fear that a proposition to increase the rate of taxation would be voted down, and that the proposition would incur popular displeasure, is one reason why this matter has not been urged. Another reason has been doubt whether the Municipal Assembly could lawfully levy an additional tax, under our present Charter. (Sec. 1, Art. V.)

To remove this doubt, the Charter Commission proposed to insert in Amended Sec. 1, Art. V, the following:—

> "And provided, further, that for the purpose of erecting public buildings, the rate of taxation for municipal purposes, as herein limited, may be increased by the Municipal Assembly, when the rate of such increase and the purpose for which it is intended shall have been submited to a vote of the people and two-thirds of the qualified voters of the city, voting at an election to be held for that purpose, shall vote therefor. The taxes collected for the purpose of erecting public buildings shall be designated, 'Revenue for Erecting Public Buildings,' and shall be kept distinct from other revenues and used for the purpose designated in the submission of the question of increasing the rate, as aforesaid, to a vote of the people; any other provision in this Charter as to designation or application of the fund to the contrary notwithstanding."

To my thinking, it is the duty of officials to bring this matter forward, to distinctly set forth the condition and let the voters decide. The vote of April, 1897, in favor of a special assessment to build a public library, certainly does not indicate that the voters are unwilling to entertain such a proposition. A public library building belongs to the class of things that are very desirable, but new hospitals, etc., are absolute necessities.

There seems to be a want of information on the part of citizens as to the demands made upon the city. Tax-payers wonder why, after paying taxes for years, they are denied the improvements or service they ask for. I have prepared a table showing proportion, percentage, which the expenditures on various accounts have borne to the city's revenues, for the middle year of each city administration, from 1878 to 1895:—

	1878–79. Overstolz.	1882–83. Ewing.	1886–87. Francis.	1890–91. Noonan.	1894–95. Walbridge.	Mean.
Courts and Juries.........	4.59	4.62	3.57	3.33	3.80	3.982
Marshal..................	0.98	0.63	0.55	0.47	0.41	0.608
Coroner and Morgue......	0.44	0.43	0.34	0.36	0.34	0.382
House of Refuge..........	1.31	1.28	1.00	1.07	0.95	1.122
Jail......................	0.79	1.13	0.78	0.55	0.62	0.776
Workhouse................	1.48	1.94	1.42	1.15	1.22	1.442
Police....................	17.70	18.17	16.34	17.53	18.09	17.776
Total Justice........	27.29	28.20	24.00	24.46	25.43	25.876

	1878–79. Overstolz.	1882–83 Ewing.	1886–87. Francis.	1890–91. Noonan.	1894–95. Walbridge.	Mean.
Costs and Law Dept	0.59	1.09	1.15	1.07	1.13	1.006
Rec. Deeds and Fee Offices	0.59	1.27	1.12	1.53	1.39	1.180
Assessor.................	1.63	1.74	1.89	1.58	1.43	1.654
Commissioner of Supplies.	0.44	0.41	0.33	0.28	0.24	0.340
Municipal Assembly.......	1.20	0.94	0.92	0.70	0.70	0.892
Salaries	2.10	1.83	1.50	1.63	1.48	1.708
Elections	1.24	1.59	1.36	1.51	1.51	1.442
Misc. Expenses	(4.97)	2.30	1.65	1.69	1.75	1.847
Total Administration	12.75	11.28	13.10	10.31	10.86	11.660
Nuisances, Board of Health and Dispensary.........	1.30	1.12	1.89	1.51	2.11	1.586
Garbage, etc..............	0.75	0.66	0.88	0.83	3.04	1.232
Total Sanitation	2.05	1.78	2.77	2.34	5.15	2.818
City Hospital.............	1.83	2.33	2.18	1.79	1.69	1.964
Female Hospital..........	1.26	1.71	1.53	1.02	1.00	1.300
Insane Asylum............	2.23	2.46	2.35	1.78	1.57	2.078
Poor House.......	2.44	3.37	2.05	1.86	2.19	2.382
Quarantine	0.88	1.06	0.15	0.27	0.24	0.520
Total Charities	8.64	10.93	8.26	6.72	6.69	8.248
Fire Alarm	0.75	0.82	0.86	1.29	1.19	0.982
Fire Department..........	9.45	11.00	12.18	12.17	12.88	11.536
Fire Protection.....	10.20	11.82	13.04	13.46	14.07	12.518
Lights, Streets and Bldgs..	9.50	10.08	8.22	6.15	6.40	8.050
Care and Repair Bldgs	1.41	1.41	2.38	2.55	1.74	1.898
President's Office.........	0.78	0.61	0.60	0.91	0.88	0.756
Parks	2.96	2.37	2.13	2.48	2.49	2.486
Sewers	1.15	1.25	1.20	1.22	1.46	1.256
Streets, Salaries	1.53	2.11	2.27	2.66	2.48	2.210
Streets, Cleaning	2.24	3.45	5.07	4.21	4.90	3.974
Streets, Repairs	8.62	6.36	7.19	8.28	6.65	7.420
Streets, Bridges	......	0.49	0.66	0.50	0.56	0.552
Streets, Openings.........	1.29	1.27	0.68	1.36	1.08	1.136
Total Public Works.	29.59	32.31	31.57	31.98	30.21	31.132
Buildings	0.33	......	......	2.44	4.56	6.876
Sewers....................	2.58	0.73	1.81	2.24	2.23	1.466
Bridges....................	0.44	1.67	2.78	3.88	0.12	1.778
Streets Improved.........	1.81	1.28	2.67	2.15	0.66	1.714
Total new work.....	5.16	3.68	7.26	10.71	7.57	6.876

It is to be expected that expenditures under these various heads will increase as the city grows, but not in the same ratio throughout; nor does a given percentage in 1878 mean the same in amount expended as the same per cent in 1896. The figures do not account for public debt and interest revenue nor

Waterworks revenue. One per cent in 1878 meant about $26,000; in 1897 it means about $52,000.

It will be observed that the expenditures grouped under the head of "Justice" show a slight decrease; also those grouped as Administration. Public Works, Maintenance, remain as a group about the same. A decided decrease in lighting streets and public buildings, due to change from gas to electric lighting off-setting increase in the items President's Office, Street Department, Salaries and Street Cleaning. The groups, Sanitation and Fire Protection show increase; the group New Work represents the remnant of the city's resources after all other expenses are provided for. The figures in column — Walbridge — show that the construction of New City Hall has cut streets and bridges to a very low figure. A study of these figures will lead to the conclusion that the city's regular revenues are barely adequate to meet her regular expenses, and that the inability of the city to build sewers and streets, as well as the needed public buildings, is a condition that will abide unless met in some other way than has been practiced.

As already intimated, the buildings can be provided for in the way set forth in the State constitution. Streets and sewers can be constructed at the expense of the property benefited. If this is done, bridges would remain as the beneficiary of residues of municipal revenue.

The above leads to the necessity for and indicates the direction that charter amendments must take so far as they affect public work.

The amendments drafted by the Charter Commission, created by Ordinance 18,027, were prepared to meet the situation as it exists. They do away with the limitation of assessment for street improvements to 25 per cent of assessed value, and at the same time make the assessments less burdensome to the taxpayers by making the special tax bills payable in installments at a moderate rate of interest on deferred payments. Also in case of side frontage, the cost of improvements is distributed by the establishment of a district. The underlying principle of the new mode of assessment of cost of streets is, that property fronting on or adjoining an improved street receives a direct benefit in proportion to the frontage; this direct benefit is assumed to be one-fourth of the cost of the improvement. All property in the vicinity of an improved street is indirectly benefited and that benefit is taken to be in the proportion of the area of the lots. This indirect benefit is taken to extend to the middle of the blocks on each side of an improved street.

When the street is one upon which the lots all have their principal frontage and the lots are of uniform depth, the distribution of cost would be practically the same as now.

The proposed amendments relating to sewer construction are radical; but no more so than the necessities of the case demand. Public sewers as known hitherto would be classed as Joint District Sewers, and be built at the expense of the property drained. This method has been successfully used in other cities.

SMOKE PREVENTION.

It may be claimed that in the matter of suppression of dense black or thick gray smoke, that we have held the ground gained in previous years.

The validity of the ordinance imposing penalties has been questioned, and pending the decision of the matter by the Supreme Court of the State; — nothing is to be gained by prosecutions before the Police courts. The Smoke Abatement Association, which has labored zealously in the cause — both by moral support and by taking practical charge of prosecutions, for several years, is about to withdraw from activity for want of support. This will leave the responsibility upon the city officials for the enforcement of the ordinance in the event that its validity is sustained.

Respectfully,

ROBT. E. McMATH,
President.

ANNUAL REPORT

OF THE

Assistant to the President of the Board of Public Improvements,

For the Fiscal Year ending April 12, 1897.

OFFICE OF THE PRESIDENT OF THE
BOARD OF PUBLIC IMPROVEMENTS.
ST. LOUIS, MO., April 27, 1897.

Hon. Robert E. McMath, President of the Board of Public Improvements:

SIR:— I have the honor to present herewith the following report for the fiscal year ending April 12, 1897.

The expenditures of the President's Department during the year have been as follows: —

Advertising and printing proceedings	$ 8,675 13
Drafting materials, instruments, etc	264 68
Office expenses, furniture, repairs, etc	402 67
Printing and stationery	2,603 35
Expenses in obtaining information relating to public work	285 00
Pay Rolls: —	
President, secretary, assistant, assessor, and deputy assessor of special taxes, special tax clerks, clerks, stenographer, draftsman, civil engineer and surveyor	32,150 63
Temporary clerks employed to make out special tax bills for street sprinkling	2,807 50
Smoke inspectors	3,600 00
Civil engineers, surveyors, field hands and draftsmen, temporarily employed under Ord. 18,377	1,505 40
Consulting architect, superintendent of construction, chief inspector, inspectors and draftsmen, as authorized by Ord. 18,376	11,860 92
Total	$64,155 28

During the year vouchers requiring the approval of the President of the

Board, and aggregating the following amounts, were examined, approved and forwarded to the Auditor, to wit:—

PAY-ROLLS, MISCELLANEOUS EXPENSES AND REPAIRS REQUIRING PROMPT ATTENTION.

Street bridges and culverts	$28,360 10	
Street cleaning — labor and carts	142,346 99	
Street cleaning — block system	24,815 75	
Street cleaning — stone and wood blocks and asphaltum pavements	73,424 32	
Street Commissioner's department	73,972 12	
Street grades and surveys	11,692 98	
Street repairs — macadam and other materials	102,761 04	
Street repairs — miscellaneous expenses	118,020 69	
Street repairs — reconstructed streets	39,621 79	
Street repairs — salaries	26,365 56	
Streets — special service	2,999 88	
Fund for numbering houses	2,472 95	
Sprinkling streets	106,610 45	
Sprinkling streets between December 1st and March 15th	1,958 00	
		$755,422 62
Water works	$446,989 92	
Water works extension, salaries and expenses	43,318 48	
		490,308 40
Sewers — salaries, current expenses and repairs	$80,176 50	
Mill Creek sewer repairs at 14th and Gratiot streets	11,395 39	
		91,571 89
Park Commissioner	$8,146 00	
Carr Square	1,170 82	
O'Fallon Park	8,100 53	
Carondelet Park	5,743 45	
Forest Park	45,159 09	
Benton Park	4,621 06	
Hyde Park	2,999 49	
Lyon Park	1,709 21	
St. Louis Place	4,152 58	
Jackson Place	665 76	
Laclede Park	923 25	
Gamble Place	639 80	
Washington Square	674 40	
Fountain Park	544 25	
Gravois Park	1,092 97	
South St. Louis Square	771 46	
Kenrick Garden	14 00	
		87,128 12
Harbor and Wharf:—		
Salaries and current expenses	$13,202 64	
Scavenger dumps, construction and repairs	1,245 77	
Cleaning levee and removing obstructions	6,442 87	
Scavenger dumps, salaries and expenses	6,848 92	
Street cleaning — floating dumps	10,648 69	
Repairs of dikes, wharf and river bank	24,768 26	
Harbor boat	14,157 52	
		77,314 67
Commissioner of Public Buildings	$20,120 45	
City Hall, salaries and current expenes	12,219 70	
Court House, salaries and current expenses	9,983 35	
Four Courts Building, salaries and current expenses	12,904 58	

City Hall, repairs and alterations	$1,914 29	
Court House, repairs and alterations	3,074 31	
Four Courts Building, repairs and alterations	2,968 59	
House of Refuge	2,489 02	
City Hospital	3,415 99	
Female Hospital	3,075 86	
Courts	660 00	
Jail and Jailer's residence	3,643 00	
Markets	1,442 91	
Poor House	3,615 95	
Insane Asylum	6,659 84	
Morgue	137 13	
Quarantine and Small-pox hospital	1,819 28	
Scales	60 06	
New City Hall, repairs and alterations	175 01	
New City Hall, salaries and current expenses	6,853 29	
Fire Department — repairs of buildings	12,169 74	
Poor House bakery	16 50	
City Dispensary, alterations	130 03	
		109,548 88
Electric Light	$236,631 74	
Lighting public buildings	55,954 05	
Gas light	38,875 37	
Gasoline lamps — maintaining	4,617 39	
		336,078 55
Workhouse		57,484 97
Plumbing Inspection Department		13,159 26
New City Hall and Court House, fitting up court rooms and offices		6,914 93
Public Buildings — Repairs. For repairing public buildings damaged by cyclone of May 27, '96.		13,997 36
Fitting up temporary Quarters for City Hospital		22,046 61
Total for pay-roll, miscellaneous expenses and repairs requiring prompt attention		$2,060,886 26
Contracts and other deposits		556,785 95

FOR WORK AUTHORIZED BY SPECIAL ORDINANCE.

Reconstruction of streets	$2,485 38	
Improvement of streets and alleys	58,049 00	
Unexpended balances of amounts deposited by property owners to pay excess over 25 per cent, returned	3,257 93	
Construction of bridges and culverts	9,314 84	
Waterworks Extension	558,686 54	
Constructing public sewers	47,337 27	
Maps of City of St. Louis, made under supervision of Sewer Commissioner	4,737 60	
Constructing Wharf	12,747 34	
Erection of New City Hall	179,083 55	
Erection of engine houses	10,055 00	
Disposal of sewage at Poor House	194 90	
Constructing lake in O'Fallon Park	1,976 22	
Constructing frame house in Forest Park	3,533 45	
Constructing music stand in Hyde Park	885 62	
Repairs and alterations of public buildings	16,756 77	
Repairs of New City Hall, on account of defective plans	13,226 02	
Erection of signs for street names	11,022 15	
Constructing public drinking fountain	68 25	
Court House — Constructing walks, etc	2,394 50	
Total for new work		935,832 33
Total amount of vouchers approved by the president during fiscal year		$3,553,504 54

NEW CITY HALL.

The following is a summary of work done on the New City Hall, to April 1, 1897.

		Amount of Contract with Additions and Deductions.	Amount Expended Prior to April 1, 1896.	Amount Expended During Year Ending April 1, 1897.	Total Amount Expended to April 1st, 1897.	Amount to Complete Existing Contracts.
W. F. Hopkins, excavating, etc., for foundations		$66,732 61				
Extra work		3,094 65	$69,827 26	....	$69,827 26	Contract completed.
John Hill, masonry of foundations		40,562 15	40,562 15	....	40,562 15	Contract completed.
St. Louis Granite Co., granite work of basement story		35,900 00				
Extra work		14,766 15	50,666 15	....	50,666 15	Contract completed.
Christopher & Simpson, iron work		84,586 00				
Extra work		3,547 46	88,133 46	....	88,133 46	Contract completed.
John Low, interior finishing of parts		34,221 00				
Extra work		7,531 30	41,752 30	....	41,752 30	Contract completed.
Pickel Marble & Granite Co., marble wainscoting		12,570 00	12,570 00	....	12,570 00	Contract completed.
Ward & Hartley, brick work		153,937 00				
Extra work		3,755 98	157,692 98	....	157,692 98	Contract completed.
Schneider Granite Co., granite work of 1st story		149,375 00				
Extra work		945 00	150,320 00	....	150,320 00	Contract completed.
Pickel Stone Co., cut stone work		152,797 00	152,797 00	....	152,797 00	Contract completed.
Koken Iron Works, roof, etc		151,500 00				
Extra work		6,954 68	158,454 68	....	158,454 68	Contract completed.
Empire Fire-Proofing Co., fire-proofing for 1st, 2d, 3d and 4th stories and 4th story ceiling	$28,680 00					
Deduction for reduction in price of hollow tile floor arches	1,439 82	27,240 18	21,507 75	5,732 43	27,240 18	Contract completed.
R. S. Colnon, general builders' work necessary to render certain parts of building ready for occupancy		12,885 00				
Extra work	$2,345 11	....	9,855 00	713 16		
Deductions for work omitted	2,316 84	28 27	....	2,345 11	12,913 27	Contract completed.
R. S. Colnon, heating plant for certain parts of building		14,000 00	12,105 00	1,865 00		
Extra work	$1,093 21					
Deduction for work omitted	30 00	1,063 21	....	1,093 21	15,063 21	Contract completed.
M. J. Ward & Co., sewering, plumbing and gasfitting		21,827 00	....	13,959 45	13,959 45	$7,867 55
F. C. Webb, grading grounds		2,038 49	....	2 038 49	2,038 49	Contract completed.
August Heman, constructing granitoid walks		1,933 26	....	1,933 26	1,933 26	Contract completed.
Henry Ruckert, constructing conduits	$8,644 60					
Deductions for work omitted	146 25	8,498 35	....	8,498 35	8,498 35	Contract completed.
Heine Safety Boiler Co., erecting boilers		6,642 00	....	5,062 50	5,062 50	$1,579 50
W. T. & J. Barron, constructing brickwork		6,493 00	....	5,704 06	5,704 06	788 94
Modern Heating Co., erecting engines, fans, radiators, etc		24,800 00	....	19,451 67	19,451 67	5,348 33
Flesh & Mook Painting Co., painting ironwork		1,857 60	....	1,857 60	1,857 60	Contract completed.
E. G. Bruckman, electric wiring		16,947 00	....	13,729 72	13,729 72	$3,217 28

NEW CITY HALL. — *Continued.*

		Amount of Contract with Additions and Deductions.	Amount Expended Prior to April 1, 1896.	Amount Expended During Year Ending April 1, 1897.	Total Amount Expended to April 1st, 1897.	Amount to Complete Existing Contracts.
Empire Fire-Proofing Co., fire-proofing certain portions of bldg.	$14,900 00					
Deductions for work omitted.	410 12	$14,489 88		$14,489 88	$14,489 88	Contract completed.
Robert Paulus, constructing window frames		14,493 00		14,493 00	14,493 00	Contract completed.
Koken Iron Works, constructing structural ironwork		20,213 00		15,952 90	15,952 90	$4,260 10
Albert McCartney, plastering		31,229 00		10,931 88	10,931 88	20,297 12
J. Caplan, metal work of heating and ventilating flues		14,000 00		11,017 77	11,017 77	2,982 23
W. M. Sutherland, fitting up rooms for Election Commissioners		4,643 00		2,415 37	2,415 37	2,227 63
Heman Construction Co., concrete floor surfacing		8,580 00		7,546 96	7,546 96	1,033 04
Westlake & Barwick, raceways for electric wiring		4,798 00		4,255 63	4,255 63	542 37
Miscellaneous work			12,269 29	1,885 38	14,154 67	
Miscellaneous work on heating plant			3,122 41	1,355 21	4,477 62	
Miscellaneous work on lighting plant				6,887 95	6,887 95	
Expense for maintenance, etc.			6,490 39	1,923 67	8,414 06	
Eckel & Mann, Architects, for services	$67,438 45					
Less amount paid by Comptroller	5,000 00		62,438 45		62,438 45	
Geo. R. Mann, services for designing, etc., heating plant			1,288 45	1,943 94	3,232 39	
Salaries of employes, authorized by Ordinance 18,376			50 00		50 00	
Totals		$1,181,475 22	$1,051,902 72	$179,083 55	$1,230,986 27	

Appropriation for New City Hall, prior to April 1, 1896	$ 1,333,666 66
Appropriation during fiscal year 1896-1897	50 00
Total appropriation to April 1, 1897	$ 1,333,716 66
Total expenditures to April 1, 1897	1,230,986 27
Balance April 1, 1897	$ 102,730 39

STATEMENT OF CONTRACT WORK FOR REPAIRS, ETC., OF PUBLIC BUILDINGS DURING THE FISCAL YEAR, 1896-1897.

Authority.	No. of Contract.	Name of Contractor.	Description of Work.	Appropriation	Amount of Contract.	Amount expended prior to April 1, 1896.	Amount expended during fiscal year ending April 1, 1897.	Total amount expended to April 1, 1897.	Amount needed to complete existing contracts
Ord. 18,080	4010	Geo. D. Barnard & Co	Metal furniture in Assessor's Office and Branch of Comptroller's Office at New City Hall	General Fund.	$ 9,698 80	$ 8,728 92	$ 969 88	$ 9,698 80	Completed.
Ord. 18,006	4065	Stifel & Ruckert	Constructing granitoid walks, limestone curbs and ballasting grounds at Court House	$ 5,750 00	4,154 00	1,786 50	2,367 50	4,154 00	Completed.
Ords. 18,004 and 18,093	4070	Wm. McCully.	Temporarily closing openings of New City Hall	New City Hall Fund	755 00				
			Extra work		37 30	792 30		792 30	Completed.
Ord. 18,080	4071	E. F. Seidel	Fitting up two court rooms in Court House	General Fund.	4,644 00				
			Extra work		225 50	4,013 10	856 40	4,869 50	Completed.
Ord. 18,002.	4072	J. M. Lingemann	Constructing water closets at House of Refuge	$ 2,057 00	989 00				
			Extra work		131 50	739 80	380 70	1,120 50	Completed.
Ords. 18,080 and 18,234	4083	R. Dentman	Constructing small-pox ward at Quarantine	2,860 00	2,450 00	930 60	1,519 40	2,450 00	Completed.
Ord. 18,080	4086	St. L. Refrig & W.Gutter Co	Furniture for Assesser's Office at New City Hall	General Fund.	1,275 00		1,275 00	1,275 00	Completed.
Ord. 18,080	4169	J. D. Hawkins	Building addition to Laundry	$ 500 00	449 00		449 00	449 00	Completed.
Ord. 18,080	4170	J. Eisenburg	Artificial stone flagging in basement of City Hospital.	700 00	529 35		529 35	529 35	Completed.
Ord. 17,969	4184	Chas. A. Neumeister	Constructing an erysipelas ward at City Hospital	5,000 00	4,100 00	1,874 70	968 00	2,842 70	Con. Canc'd.
Ord. 18,003	4185	Ring & Reardon	Reconstructing water closets at City Hospital	3,000 00	2,648 00		2,150 85	2,150 85	Con. Canc'd.
Ord. 18,526	4269	C. Linnenkohl	Repairing main building of Poor House	General Fund.	990 00		990 00	990 00	Completed.
Ord. 18,092	4341	Westlake & Barwick	Constructing lying-in wards at Female Hospital	$10,000 00	9,240 00		9,240 00	9,240 00	Completed.
Ord. 18,092	4450	Ambler & Materne	Heating apparatus in lying-in wards at Female Hosp'l		633 00		633 00	633 00	Completed.
Ord. 18,576	4346	Wm. Daman & Son	Reconstructing Engine House No. 7.	10,000 00	8,996 50		8,996 50	8,996 50	Completed.
Ord. 18,576.	4452	Gilsonite R. & Paving Co	Constructing brick driveway to Engine House No. 7		424 00		424 00	424 00	Completed.
Ord. 18,414	4348	Koken Iron Works	Repairs of ironwork at New City Hall on account of defective plans	General Fund.	4,378 00		4,378 00	4,378 00	Completed.
Ord. 18,526	4349	Ambler & Materne	Steam heating apparatus at Temporary City Hospital.	General Fund.	3,494 48		3,494 48	3,494 48	Completed.

STATEMENT OF CONTRACT WORK FOR REPAIRS, ETC., OF PUBLIC BUILDINGS DURING THE FISCAL YEAR, 1896-1897.— *Continued.*

Authority.	No. of Contract.	Name of Contractor.	Description of Work.	Appropriation	Amount of Contract.	Amount expended prior to April 1, 1896.	Amount expended during fiscal year ending April 1, 1897.	Total amount expended to April 1, 1897.	Amount needed to complete existing contracts
Ords. 18,004 and 18,093	4357	P. O'Donnell	Removing rubbish from basement of New City Hall	N. C. H. Fund.	$ 1,326 00	....	$ 1,326 00	$ 1,326 00	Completed.
Ords. 18,526 and 18,601	4377	Robt. Paulus	Erecting boiler house at Temporary City Hospital	General Fund.	2,138 00	....	2,138 00	2,138 00	Completed.
Necessary repairs requiring prompt attention	4378	Ring & Reardon	Repairing plumbing at Poor House	General Fund.	277 00	....	277 00	277 00	Completed.
Ord. 18,682	4424	Robt. Paulus	Erecting barracks for male paupers on Poor House grounds	$ 5,000 00	4,344 00	....	4,344 00	4,344 00	Completed.
Ord. 18,682	4426	McCauley Bros	Heating apparatus in barracks at Poor House	....	418 00	....	418 00	418 00	Completed.
Necessary repairs requiring prompt attention	4429	W. M. Sutherland	Making alterations in Engine House Nos. 12 and 18	General Fund.	2,383 00	....	2,383 00	2,383 00	Completed.
Ord. 18,577	4430	Robt. Paulus	Making alterations in Horse Hospital	$ 1,200 00	1,193 00	....	1,193 00	1,193 00	Completed.
Necessary repairs requiring prompt attention	4457	Wm. Daman & Son	Constructing feed bins at Engine Houses Nos. 19, 31, 9, 12 and 18, 13, 29, 30, 17 and 32	General Fund.	359 50	....	359 50	359 50	Completed.
Ord. 18,505	4458	Beattie Mfg. Co	Constructing counters and partitions in Election Commissioner's Office at New City Hall	General Fund.	1,122 00	....	1,122 00	1,122 00	Completed.
Necessary repairs requiring prompt attention	4459	Robt. Paulus	Making alterations in Engine House No. 27	General Fund.	723 00	....	723 00	723 00	Completed.
Ord. 18,577	4475	O. L. Wilke	Constructing water closets at House of Refuge	$ 500 00	325 00	....	325 00	325 00	Completed.
Necessary repairs requiring prompt attention	4477	Robt. Paulus	Erecting board fence at Engine Houses Nos. 33 and 34.	General Fund.	308 00	....	308 00	308 00	Completed.
Ord. 18,676	4480	Wm. Daman & Son	Erecting Engine House on Union Avenue	$ 3,300 00	2,295 50	....	634 50	634 50	$ 1,661 00
Ord. 18,790	4537	C. Stafford	Erecting Engine House in Baden	3,500 00	2,995 00	....	....	....	2,995 00
Ord. 18,725.	4538	Robt. Doerste.	Rebuilding and repairing Soulard Market	5,000 00	3,900 00	....	990 00	990 00	2,910 00
			Totals		$84,349 43	$18,865 92	$56,163 06	$75,028 98	$ 7,566 00

MISCELLANEOUS.

Application for permits received and referred	1,477
Permits issued by order of the Board	1,368
Requisitions for supplies and materials submitted to and approved by the president	3,218
Requisitions for repairs of buildings requiring prompt attention, received and acted upon	466
Contracts for public work executed by the president and forwarded to the Council for approval	334

Appointments submitted to and approved by the president, to wit:—

By the Street Commissioner	33	
By the Water Commissioner	139	
By the Sewer Commissioner	7	
By the Harbor and Wharf Commissioner	4	
By the Commissioner of Public Buildings	17	
By the Supervisor of Plumbing	1	
		201

Very respectfully,

EDWARD F. FINNEY,
Assistant.

ANNUAL REPORT

OF THE

SPECIAL TAX DEPARTMENT.

For the Fiscal Year ending April 12, 1897.

St. Louis, April 12, 1897.

Hon. Robert E. McMath, President Board of Public Improvements:

Dear Sir — I have the honor to submit herewith a tabular statement of the assessment of special taxes for the fiscal year ending April 12th, 1897. During that time 7693 special tax-bills were issued for the construction of streets, sewers, sidewalks and alleys and the repairs of alleys and sidewalks, amounting in the aggregate to $540,565.33, and the sum of $9,359.09 was charged against the City, said sum representing the amount in excess of twenty-five per cent of the assessed value of the property.

The sprinkling tax for the season of 1898 amounted to $103,337.50 and 83,177 bills were issued at an average rate of .0213 cents per linear foot.

In order to determine the estimated amount to be assessed against the City for proposed street and alley improvements, upon the requisitions of the Street Commissioner 200 examinations of property liable to be affected by said improvements of a total length of 90.37 miles were made and transmitted to that officer.

The reconstruction of the plat books of this department has been unavoidably interrupted by the more pressing demands of special tax business, but I expect within the coming year to make greater progress and to be able to report within a short time the entire completion of the work.

Respectfully,

JOSEPH PASQUIER,
Assessor of Special Taxes.

IMPROVEMENT OF STREETS.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Total Amount.
Curb, Gutter, Telford, etc	Easton av. between Burd av. and Western City Limits	August and John C. Heman	18132	4053	$ 14767 39	....	$14767 39
" "	Geyer av. between Jefferson av. and California av.	G. Eyermann, Jr.	18134	4054	3993 05	$108 02	4101 07
" "	Evans av. between Sarah st. and Whittier st	August and John C. Heman	18098-18215	4150	2891 07	....	2891 07
" "	Lincoln av. between Prairie av. and Spring av	J. E. Perkinson	18314	4250	2698 62	....	2698 62
" "	Withnell av. between Wisconsin av. and Illinois av	John A. Lohrum	18317	4249	1137 66	....	1137 66
" "	Hickory st. from East line Benton pl. Sub. to Armstrong av.	Atlantic Quarry & Constr'n Co.	18135	4057	1339 62	27 98	1367 60
" "	California av. between Magnolia av. and Shenandoah av	St. Louis St. Mason's Quarry & Bldg. Assn.	18309	4241	5164 53	1147 93	6312 46
Partial Imp. Macadam, etc	Linton av. between Carter av. and Florissant av	Heman & Skrainka	18169	4315	786 33	....	786 33
Curb, Gutter, Telford, etc	Garfield av. between Spring av. and Prairie av	M. A. Hogan	18370	4248	2026 63	....	2026 63
" "	Slattery st. between Benton st. and Montgomery st	" "	18139	4052	2642 01	....	2642 01
Curb, Gutter and Macadam	Completion of Good av. between Easton av. and Kennerly av.	Heman & Skrainka.	18203-18468	4319	3545 55	....	3545 55
Curb, Gutter, Telford, etc	Lemp av. between Cherokee st. and Utah st.	" "	18457	4320	2098 61	....	2098 61
" "	Evans av. between Vandeventer av. and Sarah st	St. Louis Quarry & Constr'n Co	18311	4366	6742 09	....	6742 09
" "	Rutger st. from California av. eastwardly for about 397½ ft	St. Louis St. Mason's Quarry & Bldg. Assn	18161-18672	4335	1638 20	....	1638 20
" "	Lemp av. between Broadway and Cherokee st.	Heman & Skrainka	18458	4318	3608 87	539 38	4148 25
" "	Lucky st. between Grand av. and Spring av	Bambrick-Bates Constr'n Co	18642	4410	2363 94	....	2363 94
" "	Rauschenbach av. from North Market st. southwardly to alley in Bl. 2330	J. E. Perkinson.	18627	4402	1173 33	....	1173 33
" "	Bacon st. between Montgomery st. and St. Louis av	Fruin, Bambrick Constr'n Co.	18646	4411	3620 76	....	3620 76
" "	Wisconsin av. between Cherokee st. and Utah st.	Hoffman & Co.	18629	4408	2394 94	....	2394 94
" "	Lasalle st. between Montrose av. and Cardinal av	Heman & Skrainka	18156-18671	4316	1305 54	....	1305 54
" "	Lemp av. between Wyoming st and Arsenal st	St. Louis St. Mason's Quarry & Bldg. Assn.	18630	4415	1134 76	....	1134 76
" "	Oregon av. between Potomac st. and Cherokee st	Heman & Skrainka	18459	4317	2432 64	84 78	2517 42
Partial Imp. Macadam, etc	Gano av. between Penrose st. and Florissant av	" "	18467	4314	1416 62	....	1416 62
" "	Carter av. between Grand av. and Prairie av.	" "	18466	4313	1390 40	51 16	1441 56
Curb, Gutter, Telford, etc	Wyoming st. between Iowa av. and Oregon av.	John A. Lohrum	18635	4448	2583 09	....	2583 09
" "	Hickory st. between California av. and Ewing av	St. Louis St. Mason's Quarry & Bldg. Assn.	18637	4405	1654 98	....	1654 98
" "	Grand av. between Miami st. and Cherokee st.	G. Eyermann, Jr	18673	4449	4653 71	393 97	5047 68
" "	Cates av. between Hamilton av. and Delmar av	Nicholas Lamb	18644	4407	7763 23	....	7763 23
IMPROVEMENT OF STREETS WITH IMPROVED TELFORD, ETC.							
Granitoid Curb, Imp. Telf., etc.	Delmar boul. between Kingshighway boul. and Union boul.	August and John C. Heman	18279	4175	26037 89	749 17	26787 06
			Totals....	..	$ 115006 06	$ 3102 39	$118108 45

IMPROVEMENT OF STREETS WITH VITRIFIED PAVING BRICK.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Total Amount.
Vitrified Paving Brick	Morgan st. between Kingshighway boul. and Clarendon av	G. M. Conard	18285	4188	12225 70		12225 70
" " "	Euclid av. from center line Spaulding av. to N. line Greer av.	Julius C. Birge & A. A. B. Woerheide	18281	4203	9619 42	2214 00	11833 42
" " "	Kensington av. (form. Bell av.) between Kingshighway boul. and Clarendon av	Hill-O'Meara Constr'n Co.	18277	4177	14459 34		14459 34
" " "	Taylor av. between Lindell boul. and Delmar boul	E. C. Morrison	18291	4178	20148 07	80 96	20229 03
" " "	Maryland av. between Boyle av. and Euclid av	G. M. Conard	18283	4189	21520 37		21520 37
" " "	Page boul. between Vandeventer av. and Sarah st	" "	18289	4353	17235 78		17235 78
" " "	St. Alphonsus st. between Bell av. and Finney av	Skrainka Constr'n Co.	18464	4302	4187 45		4187 45
" " "	Duncan av. between Euclid av. and Kingshighway boul	E. C. Morrison	18369	4207	5867 80		5867 80
" " "	Euclid av. between Forest Park boul. and Lindell boul	Skrainka Constr'n Co	18454	4299	6789 77		6789 77
" " "	Euclid av. between Easton av. and center line Spaulding av.	Julius C. Birge & A. A. B. Woerheide	18282	4204	11293 89	1291 19	12585 08
" " "	Page boul. between Sarah st. and Whittier st	E. C. Morrison	18288	4368	6361 25		6361 25
" " "	Sarah st. between Laclede av. and Olive st	Stifel & Ruckert	18462	4300	10154 56		10154 56
" " "	Pendleton av. from Olive st. to a line 229 ft. north of and parallel with Morgan st	Allen & Vieths	18290	4369	10292 91		10292 91
" " "	Finney av. between Pendleton av. and Taylor av	Stifel & Ruckert	18455	4296	10289 23		10289 23
" " "	Sarah st. between Olive st. and West Belle pl	" "	18463	4301	7227 96		7227 96
			Total....	....	$ 167673 50	$ 3586 15	$171259 65

RECONSTRUCTION OF STREETS WITH GRANITE.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Total Amount.
Granite Blocks, etc	18th st. from Pine st. to Washington av	Henry Ruckert	18488	4225	7145 90		7145 90
" " "	Carr st. from Wharf to 1st st	" "	18391	4224	2503 12		2503 12
" " "	19th st. from Market st. to Washington av	Skrainka Constr'n Co	18392	4227	16660 39		16660 39
" " "	Vandeventer av. from Manchester av. to Olive st	Allen & Vieths	18489	4228	25314 21	2485 38	27799 59
			Totals ...	....	$ 51623 62	$2485 38	$54109 00

CONSTRUCTING NEW SIDEWALKS WITH ARTIFICIAL STONE FLAGGING.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Cont.	No. of Sq. Feet.	Pay. by Sp. Tax.	Pay. by City.	Amount.
Paving with Artif. Stone Fl'g.	Westminster place between Whittier st. and Boyle av.	August and John C. Heman	17859	3982	221880	$332 82	....	$332 82
“ “	Westminster place between Sarah st. and Whittier st.	“ “	17860	3982	190140	285 21	....	285 21
“ “	Boyle av. between McPherson av. and Olive st.	“ “	17845	3982	189213	283 82	....	283 82
“ “	West Pine boul. between Euclid av. and King's Highway boul.	“ “	17861	3982	1060228	1590 34	....	1590 34
“ “	Pennsylvania av. between Geyer av. and Lafayette av	“ “	17974	3982	392520	588 78	....	588 78
“ “	S. S. Barret st. from Grand av. eastwardly to alley.	“ “	18259	3983	72000	108 00	....	108 00
“ “	Louisiana av. between Geyer av. and Lafayette av.	“ “	17991	3982	726495	1089 74	....	1089 74
“ “	College av. between Carter av. and Florissant av.	“ “	18096	3983	724500	1086 75	....	1086 75
“ “	Ann av. between Ohio av. and California av.	“ “	18255	3982	667620	1001 43	....	1001 43
“ “	Vista av. between Compton av. and Virginia av.	“ “	18103	3982	318450	477 68	....	477 68
“ “	S. S. Dickson st. from 22d st., for a dist. of about 160 ft., eastwardly	“ “	18260	3983	96000	144 00	....	144 00
“ “	Wyoming st. between Wisconsin av. and Jefferson av.	“ “	18516	3982	773306	1159 96	....	1159 96
“ “	Wyoming st. between Lemp av. and Wisconsin av.	“ “	18515	3982	187020	280 53	....	280 53
“ “	Evans av. between Whittier st. and Pendleton av.	“ “	18524	3983	189360	284 04	....	284 04
“ “	Magazine st. between Webster av. and Bacon st.	“ “	18521	3983	209791	314 69	....	314 69
“ “	Easton av. from King's highway to Burd av.	“ “	18523	3983	1549980	2324 97	....	2324 97
“ “	Compton av. between Chouteau av. and Manchester and Clark avs.	“ “	18522	3982	2208664	3313 00	....	3313 00
“ “	Geyer av. between Jefferson av. and California av.	G. Eyermann, Jr.	18134	4282	423252	496 77	$106 36	603 13
“ “	Indiana av. between Arsenal st. and Pestalozzi st	“ “	18519	4282	31800	45 32	....	45 32
“ “	Indiana av. between Cherokee st. and Wyoming st	“ “	18512	4282	545387	777 18	....	777 18
“ “	Illinois av. between Miami st. and Cherokee st.	“ “	18517	4282	275826	393 05	....	393 05
“ “	Jefferson av. between Arsenal st. and Lynch st.	“ “	17972	4282	786540	1120 82	....	1120 82
“ “	Cote Brilliante av. between Marcus av. and Euclid av.	Stifel and Ruckert	18470	4283	1768741	2520 46	....	2520 46
“ “	Lincoln av. between Prairie av. and Spring av.	“ “	18314	4283	642102	915 00	....	915 00
“ “	Lincoln av. between Warne av. and Sarah st.	“ “	18472	4283	840870	1198 24	....	1198 24
“ “	Florissant av. between Warne av. and Athlone av.	“ “	18471	4283	2094960	2985 32	....	2985 32
“ “	Garfield av. between Spring av. and Prairie av.	“ “	18370	4283	546608	778 91	....	778 91
“ “	Maryland av. between Boyle av. and Euclid av	G. Eyermann, Jr.	18283	4282	3087730	4400 02	....	4400 02
“ “	St. Alphonsus st. from Bell av. to Finney av.	Stifel and Ruckert	18464	4283	572757	816 18	....	816 18
“ “	Goode av. between Easton av. and Kennerly av.	“ “	18203 & 18468	4283	1723548	4456 05	....	4456 05
“ “	St. Vincent av. between Louisiana av. and Theresa av.	G. Eyermann, Jr.	18520	4282	525031	748 17	....	748 17
“ “	Lasalle st. between Montrose av. and Cardinal av.	“ “	18456 & 18671	4282	420956	599 86	....	599 86
“ “	Algernon st. between Warne av. and Adelaide av.	Stifel and Ruckert	18663	4283	307120	437 65	....	437 65
“ “	Warne av. between Algernon st. and Conde st.	“ “	18664	4283	666529	949 80	....	949 80
“ “	N. S. Alice av. between Algernon st. and Warne av.	“ “	18662	4283	125600	178 98	....	178 98
“ “	Kensington av. (from Bell av.) between King's Highway boul and Clarendon av.	“ “	18592	4283	2075517	2957 61	....	2957 61
“ “	Alice av. between Florissant av. and Algernon st	“ “	18665	4283	725765	1034 22	....	1034 22
“ “	Finney av. between Pendleton av. and Taylor av.	“ “	18455	4283	715996	1020 29	....	1020 29
“ “	Evans av. between Vandeventer av. and Sarah st.	“ “	18311	4283	1772758	2526 18	....	2526 18
			Totals		30452560	$46021 84	$106 36	$46128 20

CONSTRUCTING NEW SIDEWALKS WITH BRICK.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordi-nance.	Con	No. of Sq. Yards.	Amount.
Paving with Brick.....	Lasalle st. between Cardinal av. and Compton av..................	Harry F. Heman..........	17850	4280	20227	$141 59
" " "	S. S. Hempstead st. from Broadway westwardly about 286 ft	John A. Lohrum..........	18257	4281	32687	238 62
" " "	S. S. North Market st. from Elliott av. eastwardly to alley................	" "	18258	4281	11132	81 26
" " "	W. S. 23d st. from St. Louis av. southwardly to alley.....................	" "	18256	4281	10753	78 50
" " "	Provenchere place from Lemp av. westwardly as far as open (about 528′).	H. Ruecking & Co........	18261	4279	24532	120 21
			Totals......		99331	$660 18

PAVING SIDEWALK WITH ARTIFICIAL STONE FLAGGING UNDER ANNUAL CONTRACT.

District.	BOUNDARIES OF DISTRICT.	CONTRACTOR.	ORDINANCE.	Con.	No. of Sq. Feet.	Amount.
Western.	Bounded: East by the west line of 12th st., west by the west line of King's Highway boul., south by the south line of Market st. from 12th st. to the west line of Jefferson av. and by the south line of Laclede av. from the west line of Jefferson av. to King's Highway boul., north by the north line of Franklin av. from 12th st. to Leffingwell av. and by the north line of Easton av. from Leffingwell av. to King's Highway boul.	Aug. & John C. Heman.	16630	3982	2657 .68	$401 00
		Aug. & John C. Heman.	16630	3983	1563 88	234 58
Western.	Bounded: East by the west line of 12th st., west by the west line of King's Highway boul., south by the south line of Market st. from 12th st. to the west line of Jefferson av. and by the south line of Laclede av. from the west line of Jefferson av. to King's Highway boul., north by the north line of Franklin av. from 12th st. to Leffingwell av. and by the northline of Easton av. from Leffingwell av. to King's Highway boul.......	Stifel & Ruckert.......	16630	4283	999 .64	142 45
		G. Eyermann, Jr........	16630	4282	1455 93	207 47
Eastern..	Bounded: By the north line of Franklin av., the south line of Clark av., the west line of 12th st. and the east line of 3d st......................	G. Eyermann, Jr.........	Sec. 571, Art. 1, Chap 15. Rev. Ord. 92.	4282	197.13	28 09
			Totals...........	....	6874.26	$1013 59

REPAIRING SIDEWALKS WITH BRICK UNDER ANNUAL CONTRACT.

Distr't.	DESCRIPTION OF DISTRICT.	CONTRACTOR.	ORDINANCE.	Cont.	Scant-ling. Lin. Ft.	No. of Sq. Yds.		Amount.		Amt. of Scant-ling.	Total Amount.
						New.	Old.	New.	Old.		
First.	Bounded south and west by the southern and western city limits, north by the north line of Lafayette av., McRee av. and Old Manchester rd., east by Mississippi river......................	H. Ruecking & Co.....	Sec. 573, Art. 1, Chap. 15. R. O. 92.	4279	487.90	409.61	....	$200 71	....	$4 88	$205 59
Second	Bounded south by the north line of Lafayette av., McRee av. and Old Manchester rd., west by the western city limits, north by the north lines of Carr st., Stoddard st. and north line of Easton av., east by Mississippi river..........	Harry F. Heman......	Sec. 573, Art. 1, Chap. 15. R. O. 92.	4280	78 40	4292.99	90.50	3048 03	$7 97	2 38	3058 38
Third.	Bounded south by the south lines of Carr st., Stoddard st. and north lines of Easton av., west and north by the western and northern city limits, and east by the Mississippi river..................	John A. Lohrum.....	Sec. 573, Art. 1, Chap. 15. R. O. 92.	4281	362.70	3771.59	217.87	2753 25	108 94	18 15	2880 34
			Total..	....	929.00	8474.19	308.37	$6001 99	$116 91	$25 41	$6144 31

REPAIRING SIDEWALK WITH ARTIFICIAL STONE FLAGGING UNDER ANNUAL CONTRACT.

District.	BOUNDARY OF DISTRICT.	CONTRACTOR.	Ordinance.	Cont.	No. of Sq. Ft.	Total Amount.
Western.	Bounded east by the west line of 12th st., west by the west line of King's highway boul., south by the south line of Market st. from 12th st. to the west line of Jefferson av., and by the south line of Laclede av. from the west line of Jefferson av. to King's highway, north by the north line of Franklin av. from 12th st. to Leffingwell av., and by the north line of Easton av. from Leffingwell av. to King's highway boul.	Stifel and Ruckert	16630	4283	54.94	$8 24
		G. Eyermann, Jr.	16630	4282	131.80	19 77
			Totals...		186.74	$28 01

REPAIRING ALLEYS UNDER ANNUAL CONTRACT.

Distr't.	BOUNDARY OF DISTRICT.	CONTRACTOR.	ORDINANCE.	Cont.	No. of Squares.		Amount.		Total Amount.
					New.	Old.	New.	Old.	
Second	Bounded south by the north lines of Lafayette av., McRee av. and Old Manchester rd., west by the western city limits, north by the north lines of Carr st., Stoddard st., and north line of Easton av., and east by the Mississippi river	St. Louis Quarry and Construction Co.	Sec. 579, Art. 1, Chap. 15. R. O. 92.	4265	62 26	27.71	$747 12	$110 84	$857 96
Third.	Bounded south by the south lines of Carr st., Stoddard st., and north line of Easton av., west and north by the western and northern city limits, and east by the Mississippi river	Bambrick-Bates Construction Co.	Sec. 579, Art. 1, Chap. 15. R. O. 92.	4285	79 50½	62.59½	954 06	172 16	1126 22
			Total		141.76½	90.30½	$1701 18	$283 00	$1984 18

IMPROVEMENT OF ALLEYS WITH LIMESTONE.

City Block.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Amount.
2433	Paving alley from Ferry st. to Bissell st. between 21st st. and Florissant av	M. A. Hogan	18110	4061	$ 1230 46	....	$ 1230 46
1533	Paving north and south alley from Cherokee st. to Utah st. between Lemp av. and Salena av	H. Ruecking & Co	18446	4331	1144 56	....	1144 56
2354	Paving alley between Elliot av., Leffingwell av., city block 2353 and North Market st	J. E. Perkinson	18622	4401	525 80	....	525 80
1330 1331S	Paving east and west alley in city block 1330 & 1331s from present terminus of impr. west of 18th st. to Mississippi av. (about 384 ft.)	G. Eyermann, Jr.	18444	4309	622 35	....	622 35
			Totals...	....	$ 3523 17	....	$ 3523 17

IMPROVEMENT OF ALLEYS WITH VITRIFIED BRICK.

City Block.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Amount.
2423	Paving alley from Lee av. to Penrose st. between Pleasant st. and Peck st	G. M. Conard	18330	4238	$ 928 35	....	$ 928 35
2124	Paving north and south alley from Blaine av. to Folsom av. between Grand av. and Spring av	" "	18328	4236	585 85	....	585 85
1523	Paving north and south alley from north line of east and west alley northwardly as far as open (about 125 ft.)	" "	18327	4235	357 70	....	357 70
3910S	Paving alley from Whittier st. to Boyle av. between McPherson av. and Westminster pl.	" "	18332	4239	1473 18	....	1473 18
2395	Paving alley from Glasgow av. to Thompson av. between Barrett st. and Bailey av.	J. E. Perkinson	18449	4303	834 75	....	834 75
2303	Paving alley between O'Fallon st., Dickson st., 21st st. and 22d st.	" "	18448	4307	720 60	....	720 60
1192	Paving alley from Mallinckrodt st. southwardly as far as open (about 194 ft.) between 11th st. and 14th st.	" "	18443	4305	652 21	....	652 21
4581N	Paving alley from Boyle av. to Newstead av. between Westminster place and Olive st.	Allen & Vieths	18452	4304	2796 42	....	2796 42
2331	Paving north and south alley between 20th st., 21st st., Madison st., North Market st.	G. M. Conard	18329	4237	457 10	....	457 10
3391	Paving north and south alley between Linton av., College av., 20th st. and 21st st.	J. E. Perkinson	18450	4308	777 00	....	777 00
2118	Paving alley between Grand av., Spring av., Flad av. and Flora av.	H. Ruecking & Co	18270	4154	1664 87	....	1664 87
3921	Paving alley between Vandeventer av., Sarah st., West Pine boul. and Lindell boul.	G. M. Conard	18372	4241	4423 82	....	4423 82
1878	Paving alley between Grand av., Spring av., Garfield av. and North Market st.	J. E. Perkinson	18447	4306	1587 06	....	1587 06
			Totals...	....	$ 17258 91	....	$ 17258 91

IMPROVEMENT OF ALLEYS WITH GRANITE.

City Block.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Amount.
4	Paving alley from Spruce st. to Clark av. between Wharf and 1st st	Skrainka Constr. Co	18224	4153	$ 1032 37	$ 78 81	$ 1111 18
			Totals...	....	$ 1032 37	$ 78 81	$ 1111 18

RECONSTRUCTION OF ALLEYS WITH GRANITE.

City Block.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Amount.
133	Alley from Elm st. to Walnut st. between 6th st. and 7th st.	Skrainka Constr. Co	18267	4164	$ 706 88	....	$ 706 88
134	Alley from 6th st. to 7th st., between Clark av. and Elm st	" " "	18268	4165	1014 97	....	1014 97
167	Alley from Morgan st. to Franklin av., between 7th st. and 8th st.	" " "	18269	4166	1234 69	....	1234 69
66	N. and S. alley from Lucas av. southw'ly as far as open (ab. 123 ft.) bet. 2nd st. and 3d st.	" " "	18264	4162	592 67	....	592 67
84	N. and S. alley from Walnut st. to Market st., between 3d st. and 4th st	" " "	18265	4163	1043 17	....	1043 17
548	Alley from Wash st. to Carr st. between 13th st. and 14th st.	" " "	18323	4200	1476 27	....	1476 27
14	Alley from Washington av. to Lucas av., between Wharf and First st	" " "	18263	4161	1120 25	....	1120 25
			Totals...	....	$7188 90	....	$7188 90

RECONSTRUCTION OF ALLEYS WITH VITRIFIED PAVING BRICK.

City Block.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Amount.
1812	Alley from Jefferson av. to Ohio av., between Rutger and Hickory st.	G. M. Conard	18326	4199	$1320 76	....	$1320 76
1391	N. and S. alley from Victor st. to Lami st., between Lemp av. and Salena st.	" "	18325	4198	1282 59	....	1282 59
184	East half alley from 7th st. westwardly (about 135 ft.), bet. Market st. and Chestnut st.	" "	18318	4192	270 27	....	270 27
431S	Alley from 10th st. to 11th st., between Chouteau av. and Papin st.	" "	18321	4195	1331 75	....	1331 75
			Totals...	...	$4205 37	....	$4205 37

RECONSTRUCTION OF ALLEYS WITH ARTIFICIAL STONE FLAGGING.

City Block.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Cont.	Payable by Spe. Tax.	Payable by City.	Amount.
100	Southern part N. and S. alley from Pine st. to Olive st. (about 92 ft.), between 4th st. and Broadway	St. Louis, Quarry & Const. Co.	18266	4160	$ 441 09	....	$ 441 09
			Totals...	....	$ 441 09	....	$ 441 09

CONSTRUCTION OF DISTRICT SEWERS.

NAME OF DISTRICT.	CONTRATCORS.	ORDINANCES.	Contract.	Amount.
Nebraska avenue Sewer District No. 3	John Hussey	18204 & 18205	4084	$3002 36
South Mill Creek Sewer District No. 47	James Martin	18335 & 18336	4182	408 16
Prairie avenue Sewer District No. 6	Lyons Construction Co.	18090 & 18091	4022	3044 16
Fillmore street Sewer District No. 1	John Hussey	18337 & 18338	4181	1623 69
Clarendon avenue Sewer District No. 2	G. Eyermann, Jr.	18172 & 18173	4077	12549 24
Prairie avenue Sewer District No. 7	Robert Sheehan	18340 & 18334	4183	2933 59
Potomac street Sewer District No. 7	August and John C. Heman	18386 & 18387	4208	4211 53
Cherokee street Sewer District No. 9	Skrainka Construction Co.	18206, 18207 & 18586	4085	15223 93
Davis street Sewer District No. 12	James Martin	18567 & 18568	4356	1674 70
Arsenal street Sewer District No. 32	John Hussey	18388 & 18389	4209	10265 97
Gravois avenue Sewer District No. 1	Lyons Construction Co.	18170 & 18171	4078	13700 30
Minnesota avenue Sewer District No. 6	Mockler & Fullerton	18593 & 18594	4425	607 04
Wyoming street Sewer District No. 17	August and John C. Heman	18595 & 18596	4382	1335 81
Rock Spring Sewer District No. 7	Wm. Skrainka & Co.	18557 & 18558	4355	10688 55
Magnolia avenue Sewer District No. 1	John Hussey	18569 & 18570	4361	5232 84
Nebraska avenue Sewer District No. 4	H. Ruecking & Co.	18559 & 18560	4354	7964 52
Des Peres Sewer District No. 1	John Hussey	18561, 18574 & 18721	4363	9461 09
Rocky Branch Sewer District No. 5	S. B. Kendall	18571 & 18572	4362	12892 73
		Total		$116760 23

RECAPITULATION.

NATURE OF WORK.	Payable by Spec'l Tax.	Payable by City.	Amount.
Improvement of streets	$115006 06	$3102 39	$118108 45
Improvement of streets with vitrified paving brick	167673 50	3586 15	171259 65
Reconstruction of streets with granite	51623 62	2485 38	54109 00
Constructing new sidewalks with artificial stone flagging	46021 84	106 36	46128 20
Constructing new sidewalks with brick	660 18		660 18
Paving sidewalk with artificial stone flagging under annual contract	1013 59		1013 59
Repairing sidewalk with brick under annual contract	6144 31		6144 31
Repairing sidewalk with artificial stone flagging under annual contract	28 01		28 01
Repairing alleys under annual contract	1984 18		1984 18
Improvement of alleys with limestone	3523 17		3523 17
Improvement of alleys with vitrified paving brick	17258 91		17258 91
Improvement of alleys with granite	1032 37	78 81	1111 18
Reconstruction of alleys with granite	7188 90		7188 90
Reconstruction of alleys with vitrified paving brick	4205 37		4205 37
Reconstruction of alleys with artificial stone flagging	441 09		441 09
Construction of district sewers	116760 23		116760 23
Grand Totals	$540565 33	$9359 09	$549924 42

ANNUAL REPORT

OF THE

CITY LIGHTING DEPARTMENT.

For the Fiscal Year ending April 12, 1897.

Hon. Robert E. McMath, President of the Board of Public Improvements:

DEAR SIR — I have the honor to submit this, the annual report of the City Lighting Department, for the fiscal year ending April 12th, 1897:—

The past fiscal year will be memorable in the history of the city of St. Louis for the visitation of the tornado of May 27th, 1896, the devastation caused thereby can hardly be fully estimated by those who did not view the district immediately after the occurrence, as the work of collecting and removing the debris was commenced before the rain which followed was over. An alarm of fire from the Poor House at 5: 05 p. m. marked the first contact of the storm in the city, one alarm after another following in quick succession marked its progress, until the Fire Alarm system of wires was destroyed.

A full and complete record of the work done by this Department during the succeeding days in the removal of the tangled mass of overhead wires and poles, could not be kept. The first object was to open streets to traffic, and the Department only cut down such wires and poles as impeded it. Orders were issued to the street railway companies and electric light companies not to operate until every insecure wire was removed. This was complied with reluctantly by some, although but comparatively few accidents occurred, each of which was due to the failure of some company to observe instructions.

RESTORATION OF LIGHTS.

Edison Illuminating Co., of St. Louis, Contract No. 2176.

Arc lights in operation May 26, 1896		1,185
Restored by July 1st, 1896, and in service on that date	460	
Restored during July and in service	297	
Total in service July 22d, 1896	757	
Additional lights ordered but not erected	111	
Remaining out of service due to tornado of May 27th, 1896	424	
Suspended temporarily	4	
Total number of lights to be in district	1,296	

Missouri Electric Light & Power Company, Contract No. 2177.

Thirty C. P. lights in operation May 26, 1896		1,704
Restored by July 1st, 1896, and in service on that date	579	
Restored during July	321	
Total in service July 23, 1896	900	
Additional lights ordered but not erected	38	
Remaining out of service due to tornado of May 27th	804	
Suspended temporarily	6	
Total lights to be in district	1,748	

The restoration of the street lighting in the wrecked portion of the city was unnecessarily delayed by the companies' desire to re-arrange their system of wiring. On August 11th, 1897, all lights were restored to service, excepting three.

The Gas Light Company suffered the total loss of one holder and serious damage to another, and considerable damage to their Station A.

UNDERGROUND.

The underground wire problem was discussed and drafts of ordinances were presented to the Assembly. The first ordinance No. 18,480 passed, became void as no one accepted the conditions imposed. Ordinance No. 18,680, approved September 8th, 1896, known as the Keyes' Bill has become operative and under its provisions, sixteen findings were adopted and the parties thereto, Edison Illuminating Co., of St. Louis; The Missouri Electric Light & Power Co.; The Electric Light Power & Conduit Co., of St. Louis; St. Louis Electric Light & Power Co.; Phœnix Light, Heat & Power Co.; Citizens' Electric Light & Power Co.; The Edison Electric Illuminating Co., of Carondelet; The Imperial Electric Light, Heat & Power Co.; Cupples' Station Light, Heat & Power Co.; Bell Telephone Co., of Missouri; American Telephone & Telegraph Co., of Missouri; Kinloch Telephone Company, and the Telephone & Telegraph Service Company, notified.

Permits in accordance with the findings were issued, as follows:—

No. 13,552. March 5, 1897, Kinloch Telephone Co., St. Charles street, from Third street to Fourth street; Eleventh street, from Spruce street to Wash street.

No. 13,607. March 19, 1897, Cupples' Station Light, Heat & Power Co., alleys in city blocks 186, 187, 425, 426, 435.

No. 13,608. March 19, 1897, Kinloch Telephone Co., Locust street, from Ninth street to Eleventh street; Pine street from Seventh street to Ninth street.

No. 13,617. March 19, 1897, Cupples' Station Light, Heat & Power Co., Ninth street, from Spruce street 200 feet south.

No. 13,623. March 19, 1897, Kinloch Telephone Company, Ninth street, from Pine street to Lucas avenue.

No. 13,624. March 19, 1897, Kinloch Telephone Company, Seventh street, from alley in city block 187 to Market street.

No. 13,643. March 29, 1897, Cupples' Station Light, Heat & Power Co., Spruce street, from alley in city block 425 to Eleventh street.

No. 13,644. March 29, 1897, Kinloch Telephone Co., Ninth street, from Lucas avenue to Wash street; Ninth street from Pine street to Spruce street.

No. 13,654. March 30, 1897, Kinloch Telephone Co., Bell Telephone Co., of Missouri, and American Telephone & Telegraph Co., of Missouri, Eleventh street, from Lucas avenue west, to Lucas avenue east.

The usual determinations of the illuminating power and purity of gas were made, and the results as well as the general operations and expenditures of the department during the fiscal year, are shown in the following exhibits:—

EXHIBIT I.

TESTS OF ILLUMINATING POWER OF THE GAS FURNISHED AT THE CITY HALL.

1896.	Average Candle-power.	Maximum Candle-power.	Minimum Candle-power.	Number of Tests.
April	19.53	20.71	17.27	25
May	19.15	21.29	17.38	22
June	19.76	21.40	18.18	20
July	20.17	21.96	16.51	12
August	18.03	19.96	16.41	15
September	19.60	21.18	18.13	11
October	19.57	21.34	18.24	19
November	18.53	20.23	16.69	16
December	19.29	20.98	18.55	20
1897.				
January	19.27	19.27	19.27	1
February	18.79	19.83	17.46	17
March	18.48	19.86	16.12	20
Total.				198

Average Candle-power for the year, 19.17.

EXHIBIT II.

GAS CONSUMED IN PUBLIC BUILDINGS FOR ILLUMINATING.

NORTHERN DISTRICT.

	Cubic Feet.	Amount.
Police Stations	19,000	$19 00
Water Department, North	129,700	129 70
Union Market	26,300	26 30
Police Court, Second District	3,400	3 40
Total	178,400	178 40

SOUTHERN DISTRICT.

	Cubic Feet.	Amount.
Police Stations	12,500	$12 50
Soulard Market	7,100	7 10
Health Department	143,700	143 70
Habor and Wharf Department	19,800	19 80
Fire Alarm Office, Court House	9,300	9 30
Temporary City Hospital	900,600	900 60
Total	1,093,000	1,093 00

CARONDELET DISTRICT.

	Cubic Feet.	Amount.
Police Stations	233,700	$233 70
Fire Department	358,700	358 70
House of Refuge	2,121,000	2,121 00
Work House	699,900	699 90
Carondelet Market	30,100	30 10
Total	3,443,400	3,443 40

EXHIBIT III.

GAS CONSUMED IN PUBLIC BUILDINGS FOR FUEL.

BILLS VERIFIED BUT NOT PAID FROM FUNDS OF THIS DEPARTMENT.

	Cubic Feet.	Amount.
Fire Department	149,600	$149 60
Health Department, City Hall	42,800	42 80
City Hospital	63,900	63 90
Police Station, Grand and Lafayette avenues	7,600	7 60
Mayor's Office, City Hall	2,400	2 40
Milk Inspector's Office, City Hall	9,000	9 00
City Building, No. 2322 Clark avenue	28,900	28 90
Dispensary, No. 3618 North Broadway	1,300	1 30
City Chemist's Office, No. 1141 Market Street	4,800	3 84
Public Department, Blacksmith Shop	8,800	7 04
Temporary City Hospital	260,100	260 10
Total	579,200	576 48

EXHIBIT IV.

HOURS OF LIGHTING REQUIRED ON STREETS, ALLEYS AND PUBLIC PLACES, AS SPECIFIED ON TIME CARDS ISSUED MONTHLY.

	Electric.		Gas and Gasoline.		Additional lighting by Carondelet Gas Light Co. on account of cloudy weather during moonlight period as per their reports.	
1896.	H.	M.	H.	M.	H.	M.
April	291	50	209	05	51	55
May	269	05	197	10	45	10
June	243	10	172	20	43	45
July	257	20	172	50	40	30
August	286	00	182	30	26	40
September	312	35	191	40	66	30
October	361	40	225	15	43	25
November	382	50	238	35	94	00
December	415	00	266	55	79	00
1897.						
January	407	10	270	00	92	15
February	341	05	221	55	59	20
March	340	20	238	35	56	00
Total	3,908	05	2,587	50	698	30

EXHIBIT V.

LIGHTING STREETS, ALLEYS AND PUBLIC PLACES BY ELECTRICITY APRIL 1ST, 1897.

NORTHERN DISTRICT.

	Arc.	Incandescent.
Streets	1036	961
Boulevards	56	45
Alleys	....	971
Parks	....	124
Total	1092	2101

Additional Arc Lamps ordered, 148.
Additional Incandescent Lamps ordered, 13.

SOUTHERN DISTRICT.

	Arc.	Incandescent.
Streets	1164	493
Boulevards	50	8
Alleys	....	964
Parks	1	350
Total	1215	1815

Additional Arc Lamps ordered, 111.
Additional Incandescent Lamps ordered, 56.

EXHIBIT VI.

DISTRIBUTION OF LIGHTS ON STREETS, ALLEYS AND PUBLIC PLACES IN EACH WARD, AND NUMBER OF MILES OF STREETS AND ALLEYS LIGHTED.

APRIL 1, 1897.

WARD.	Arc Lamps.	Additional Arc Lamps Ordered.	Incandescent Lamps.	Additional Incandescent Lamps Ordered.	Incandescent Lamps in Parks.	Miles Streets.	Miles Alleys.	Gas Lamps.	Miles Streets.	Gasoline Lamps.	Miles Streets.
1	82	......	77	....	......	11.98	3.42	......	....	......	......
2	131	......	171	....	......	17.44	4.94	......	....	......	......
3	78	1	77	....	....	12.99	3.74	......	....	......	......
4	56	2	90	....	......	10 81	4.15	......	....	......	......
5	60	1	62	2	......	11.91	3.45	......	....	......	......
6	78	3	59	....	......	16.21	2.87	......	....	......	......
7	57	.....	65	....	......	11.36	3.92	......	....	......	......
8	128	47	207	....	51	38.13	0.73	......	....	......	......
9	84	7	86	2	17	17.41	4.86	......	....	......	......
10	49	1	67	....	6	8.46	3.86	......	....	......	......
11	119	25	87	....	14	27.20	1.80	206	6.61	138	4.62
12	56	2	61	....	29	10.02	3.11	......	....	......	......
13	......	......	.....	....	......	....	....	851	25.36	......	......
14	40	4	79	....	.....	8.09	3 81	......	....	......	......
15	32	......	60	....	....	4 19	2.24	......	....	......	......
16	66	1	91	....	......	11.58	3.98	......	....	.....	......
17	58	1	77	....	.....	9.29	3.34	.....	....	......	......
18	99	10	91	.5	32	18.48	2.71	......	....	......	......
19	92	1	84	....	......	13.44	5.11	.....	....	......	......
20	81	......	119	....	......	13.03	5 95	......	....	......	......
21	76	1	126	3	46	13.50	5.30	......	....	...	......
22	76	1	106	....	......	12.58	5 43	......	....	......	......
23	116	3	105	2	13	23.75	4 73	......	....	......	......
24	60	1	94	....	6	10 80	4.22	......	....	......	......
25	77	7	101	1	......	19.35	3.41	......	....	......	......
26	112	45	557	4	......	43 19	1 42	......	....	.....	......
27	153	44	284	33	.....	48.83	0.08	......	....	31	.91
28	191	51	359	17	260	56.77	1.78	......	....	......	.....
Total	2307	259	3442	69	474	500.79	94 36	1057	31.97	169	5.53

EXHIBIT VII.

LIGHTING PUBLIC BUILDINGS BY ELECTRICITY, APRIL 1ST, 1897.

	Arc.	Incandescent, 1st Class.	Incandescent, 2nd Class.
Court House	..	497	113
City Hall	3	486	157
Four Courts	..	263	38
Jail	2	68	...
Police Department Four Courts	2	128	11
Police Stations, North	4	140	...
Police Stations, South	5	408	...
City Hospital	..	...	...
Insane Asylum	1	322	70
Female Hospital	1	256	19
Poor House	..	314	52
Morgue	..	23	...
Fire Department, North	4	275	...
Fire Department, South	2	423	...
New City Hall	..	282	49
City Building, 2322 Clark Avenue	..	19	9
Water Department, North	22	297	...
Water Department, South	..	10	2
Union Market	21	11	...
Fire Alarm Telegraph Office	..	43	1
Public Buildings in Forest Park	..	31	...
Jailer's Quarters	..	22	...
Temporary City Hospital	..	260	...
Total	67	4578	521

RECAPITULATION.

	Arc.	Incandescent, 1st Class.	Incandescent 2nd Class.
Northern District	51	723	...
Southern District	16	3855	521
Total	67	4578	521

EXHIBIT VIII.

COMPLAINTS OF THE FAILURES AND IRREGULARITIES OF LIGHTS ON STREETS, ALLEYS AND PUBLIC PLACES.

COMPANY	REPORTED BY	Number.	Total.
Edison Illuminating Co. of St. Louis. Arc.	Lighting Department	13896	
	Police Department	13613	
	Miscellaneous	414	27923
The Missouri Electric Light & Power Company. Incandescent.	Lighting Department	863	
	Police Department	578	
	Miscellaneous	31	1472
Laclede Gas Light Company. Incandescent.	Lighting Department	2380	
	Police Department	2625	
	Miscellaneous	249	5254
Carondelet Gas Light Co. Gas.	Lighting Department	169	
	Police Department	39	
	Miscellaneous	1	209
Ohio Valley Street Lighting Co. Gasoline.	Lighting Department	18	
	Police Department	....	
	Miscellaneous	....	18
	Total		34876

EXHIBIT NO. IX.

COMPLAINTS OF THE CONDITION OF LIGHTS ON STREETS, ALLEYS AND PUBLIC PLACES.

COMPANY.	COMPLAINT.	Number.	Total.
Edison Illuminating Co. of St. Louis. Arc.	Broken and no Globes	43	
	Lamps out of order	288	
	Lamps fallen down	36	
	Lamps hanging low	12	
	Light obstructed	9	388
The Missouri Electric Light & Power Company. Incandescent.	Dim Lights	19	
	Needing Repair	18	37
Laclede Gas Light Co. Incandescent.	Dim Lights	57	
	Needing Repair	9	66
Carondelet Gas Light Co. Gas.	Dirty Glass	579	
	Needing Repair	5053	5632
Ohio Valley Street Lighting Co. Gasoline.	Dirty Glass	346	
	Needing Repair	96	442
	Total		6565

EXHIBIT X.

REDUCTION IN LAMP DAYS FOR FAILURE OF LAMPS ON STREETS, ALLEYS AND PUBLIC PLACES.

	NORTHERN DISTRICT.		SOUTHERN DISTRICT.	
1896.	Arc.	Incandescent.	Arc.	Incandescent.
April	441.4	1024.2	305.8	179.2
May	5946.6	4213.0	6446.7	8689.8
June	4560.85	4115.8	24852.2	42771.
July	1197.3	1638.6	15880.05	28135.
August	545.3	1872.7	5027.8	11364.9
September	1149.8	4779.1	1155.1	4782.3
October	1028.5	741.	2303.1	2267.5
November	365.7	512.4	500.2	1705.
December	285.8	1351.7	415.	1793.
1897.				
January	402.4	1050.3	281.3	1812.
February	213.9	1291.5	366.7	1713.8
March	534.7	1129.6	279.4	1816.
Total	16672.25	23719.9	57813.35	107439.5

EXHIBIT XI.

COMPLAINTS OF THE FAILURES AND IRREGULARITIES OF LIGHTS IN PUBLIC BUILDINGS.

	Northern District.	Southern District.
Lamps burned out	1,236	7,528
Lamps broken	308	642
Sockets out of order	42	107
Switches out of order	24	60
Converters out of order	12	3
Wires out of order	43	74
Arc lights out of order	114	167
Fuse burned out	59	209
Total	1,838	8,790

EXHIBIT XII.

DEDUCTION IN LAMP DAYS FOR FAILURE OF LAMPS IN PUBLIC BUILDINGS.

	NORTHERN DISTRICT.		SOUTHERN DISTRICT.	
1896.	Arc.	Incandescent.	Arc.	Incandescent.
April	.9	7.4	1.8	114.3
May	257.1	960.3	90.7	8325.2
June	308.	276.5	246.0	2974.5
July	4.1	19 1	163.6	481.5
August	2.2	177.3	22.2	1218.6
September	6.5	283.5	13.3	228.2
October	8.8	12.9	3.1	103.2
November	0.0	2.	1.4	36.9
December	1.3	19.2	4.7	72.1
1897.				
January	2.3	13.7	1.2	23.7
February	3.6	9.7	2.	55.7
March	13.9	11.	7.6	83 4
Total	608.7	1792.6	557.6	13717.3

EXHIBIT XIII.

COMPLAINTS RELATIVE TO POLES AND WIRES, ETC.

Poles broken and down, wood	1553
Poles broken and down, iron	47
Poles an obstruction	227
Poles charged	42
Wires down, electric light and power	415
Wires down, telephone and telegraph	673
Wires down, trolley, span and guard	104
Wires moved	119
Wires in bad condition	215
Wires crossed and burning	324
Depressions in sidewalks	99
Gas posts broken and gas escaping	76
Miscellaneous	87
Total	3981

EXHIBIT XIV.

WIRE APPLICATIONS AND PERMITS.

	Application.			Permit.
	Number	Issued.	Filed.	Miles Strung.
Electric Light and Power Companies.				
Edison Illuminating Co. of St. Louis	305	302	3	173.12
The Missouri Electric Light & Power Co	438	437	1	202.35
Laclede Gas Light Co	73	72	1	33.57
St. Louis Electric Light & Power Co.	59	58	1	13 32
Carondelet Electric Light & Power Co	6	6	.....	1.64
The Edison Electric Illuminating Co. of Carondelet	46	44	2	15.61
Miscellaneous	48	31	17	....
	975	950	25	439.61
Street Railroad Companies.				
Lindell Railway Co	10	10	......	21.70
Manchester Road Electric Railway Co	6	5	1	26 44
Union Depot Railroad Co	13	13	......	28.18
Chas. D. McClure Successor to Clayton & Forest Park Ry. Co.	1	1	......	.82
Southern Electric Railway Co	5	5	......	17 63
St. Louis & Suburban Railway Co	2	2	......	15.79
Fourth Street & Arsenal Railway Co	1	1	......	....
St. Louis & Meramec River Railway Co	1	1	.....	.80
Jefferson Avenue Railroad Co	1	1	......	.27
Citizens Railway Co	1	1	......	.36
Cass Avenue & Fair Grounds Railway Co	1	1	......	.56
	42	41	1	112.55

EXHIBIT XV.

POLE APPLICATIONS AND PERMITS.

	Application.				Permit.			
	Number	Issued.	Pending	Filed.	Set.	Replaced	Location Changed	Removed
Electric Light and Power Compan's.								
Edison Illuminating Co. of St. Louis	410	374	13	23	937	73	1	70
The Missouri Electric Light & Power Co.	110	100	3	7	238	26	4	6
Laclede Gas Light Co.	41	41	....	.....	355	....	1	1
Carondelet Electric Light & Power Co.	9	8	......	1	26	......	......	......
The Edison Electric Illuminating Co. of Carondelet	2	2	......	....	7	......	......	......
	572	525	16	31	1563	99	6	77
Telephone and Telegraph Companies								
Bell Telephone Co. of Missouri	172	157	2	13	1772	125	2	7
Postal Telegraph Cable Co.	2	2	......	......	29	.....	......	......
Western Union Telegraph Co	6	6	.....	......	13	4	......	......
	180	165	2	13	1814	129	2	7
Street Railroad Companies.								
Lindell Railway Co	11	9	......	2	113	......	......	......
Manchester Road Electric Railway Co.	1	......	......	1	....	.....	......	......
Union Depot Railroad Co.	9	8	......	1	19	1	......	......
Chas. D. McClure Successor to Clayton & Forest Park Ry. Co.	1	......	.....	1	......	......	....	......
Southern Electric Railway Co.	5	3	2	.....	29	.....	.....	......
St. Louis & Suburban Railway Co	3	2	......	1	2	.....	......	......
Fourth Street & Arsenal Railway Co.	1	1	......	......	......	......	......	......
St. Louis & Meramec River Railway Co	1	1	......	....	......	1	......	......
Compton Heights, Union Depot & Merchants Terminal Ry. Co.	1	1	......	......	76	......	......	......
Missouri Railroad Co.	2	2	.....	......	10	......	......	......
	35	27	2	6	249	2	.....	.....

EXHIBIT XVI.

EXTENT OF POLE LINES ALONG STREETS, ALLEYS AND PUBLIC PLACES FOR ELECTRIC LIGHT, POWER, TELEGRAPH AND TELEPHONE PURPOSES, INDEPENDENT OF POLES FOR TROLLEY WIRES,

April 1, 1897.

Western Union Telegraph Co.	Fire & Police Telegraph Dept.	Edison Illuminating Co. of St. Louis.	The Missouri Electric Light & Power Co.	Laclede Gas Light Co.	Postal Telegraph Cable Co.	Bell Tel. Co. of Missouri.	St. Louis Electric Light & Power Co.	Carondelet Electric Light & Power Co.	Lindell Railway Co.	Citizens Railway Co.	Cass Av. & Fair Grounds Ry. Co.	Missouri R. R. Co.	Union Depot R. R. Co.	Compton Heights, U. D. & Merchants Terminal Ry. Co.	Baden & St. Louis R. R. Co.	Benton-Bellefontaine Railway Co.	St. Louis & Suburban Ry. Co.	Southern Electric Ry. Co.	Forest Park & Clayton Ry. Co.
Miles of Pole Lines along Streets in accordance with Office Record.																			
20.775	79.494	170.141	36.404	31.534	6.672	90.080	0.179	4.415	13 579	0.985	1.553	3 721	0 544	0.402	0.161	0.019	.....	....	1 028
Miles of Pole Lines along Streets taken by Field Record.																			
18.001	6 648	....	1.174	.....	11 989	46.998	.....	.....	3,959	.....	.....	0.492	0.151	.....	.....	.....	.....	.....	.....
Miles of Poles along Alleys.																			
0 132	1 524	6.315	41.006	38.794	......	6 262	.....	.....	....	.....	.....	.....	....	....	....	. ..	....	.....	.....
Number of Poles along Streets.																			
1109	3354	8629	1945	1812	226	5914	1	242	623	58	88	29	23	17	11	1	2	2	65
Number of Poles along Alleys.																			
11	66	262	1696	1671	3	281	4	.....	......	....	.....	....	....	....	.....	... .	......	.....	.....

EXHIBIT NO. XVII.

EXTENT OF STREET RAILROADS OPERATED BY ELECTRICITY SUPPLIED BY OVERHEAD WIRES, APRIL 1, 1897.

NAME.	Miles of Streets occupied by Railway Tracks.	Miles of Tracks Operated.	Miles of Trolley Wires.	Miles of Tracks Owned Jointly with Other Roads.
Baden & St. Louis R. R. Co	3.342	6.684	6.684	
Benton-Bellefontaine Ry. Co	9.823	13.926	13.926	0.911 using Lindell Ry. tracks. 1.458 used by Grand Av. Ry. Co. 1.117 used by Mound City Ry. Co.
Cass Av. & Fair Ground Ry. Co.	8.229	14 280	14.280	1.041 used by Citizens Ry. Co.
Cass Av. & Fair Ground Ry. Co. (Authorized)	8.091	....	....	Not constructed.
Citizens Railway Co	11.187	18.018	18 018	2 147 used by Grand Av. Ry. Co. 1.041 using Cass Av. & Fair Ground Ry. tracks.
Clayton & Forest Park Ry. Co. (Authorized)	0.597	....	....	
Clayton & Forest Park Ry. Co.	1.269	2.538	2 538	
Compton Heights, Union Depot & Merch. Term. Ry. Co.	9.033	15.900	15 900	2.841 using Lindell Ry. tracks. 1.716 using Union Depot Railroad tracks.
Compton Heights, Union Depot & Merch. Term. Ry. Co. (Authorized)	1 200	....	....	Not constructed.
Delmar Av. & Clayton Ry. Co. (Authorized)	0 937	....	....	Not constructed.
Florissant Av. Ry. Co	0 758	0.758	0.758	
Forest Park, Laclede & Fourth St. Ry. Co	5 695	9.113	9.113	3.239 using Missouri R. R. tracks.
Forest Park, Laclede & Fourth St. Ry. Co. (Authorized)	0.265	....	....	Not constructed.
Fourth St. & Arsenal Ry. Co. (Authorized but not operated)	4.233	5 473	5.473	2,367 using Peoples Ry. tracks.
Grand Av. Ry. Co.	9.359	17.356	17.356	1.212 using Mound City Ry. tracks. 0.341 using Benton-Bellefontaine Ry. tracks. 2.147 using Citizens Ry. tracks. 0.606 using Lindell Ry. Co. tracks. 1.647 using Peoples Ry. tracks. 3.977 using Union Depot R. R. tr'ks.
Grand Av. Ry. Co. (Authorized)	1.742	....	....	Not constructed.
Jefferson Av. Ry. Co	3.428	6 856	6.856	
Kingshighway R. R. Co. (Authorized)	2.310	....	....	Not constructed.
Lindell Railway Co.	17.555	32.564	32.564	2.632 used by Compton Heights, Union Depot & Merch. Term. Ry Co. 0.844 used by Benton-Bellefontaine Ry. Co 0.606 used by Grand Av. Ry. Co. 1.609 used by Taylor Av. Ry. Co.
Lindell Railway Co. (Authorized)	3.513	....	....	Not constructed.
Missouri R. R. Co.	8.507	12.570	12.570	1.809 used by Forest Fark, Laclede & Fourth St. Ry. Co.
Missouri R. R. Co. (Authorized)	1.023	....	....	Not constructed.
Mound City Ry. Co.	6.609	9.147	9.147	0.824 using Union Depot R. R. tracks.
Northern Central Ry. Co.	6.545	10.316	10.316	1.039 using Union Railway tracks.
Southern Electric Ry. Co.	11.690	19.496	19 496	1.089 using Cass Av. & Fair Grounds Ry. tracks. 0 350 using Northern Central Ry. tracks. 0.615 using Union Depot R. R. tracks. 0.057 using Missouri R. R. tracks.
Southern Electric Ry. Co. (Authorized)	4.971	....	....	Not constructed.

EXHIBIT XVII. — *Continued.*

NAME.	Miles of Streets occupied by Railway Tracks.	Miles of Tracks Operated.	Miles of Trolley Wires.	Miles of Tracks Owned Jointly with Other Roads.
Southwestern Ry Co.....	5.871	9.564	9.564	2.178 using Cass Av. & Fair Ground Ry. tracks.
Southwestern Ry. Co. (Authorized)..	1.487	....	....	Not constructed.
St. Louis & Meramec River R. R. Co	4 858	9.716	9.716..	0.246 using Taylor Av. Ry. tracks.
St. Louis & Suburban Ry. Co.	9 195	17.869	17.869..	
Taylor Av. Ry. Co	4.602	9.204	9.204	1 609 using Lindell Ry. tracks. 0.246 used by St. Louis & Meramec River R. R. Co.
Taylor Av. Ry. Co. (Authorized)................	1 159	....	....	Not constructed.
Union Railway Co.........	7.079	10.695	10 695	1.032 using Northern Central Ry. tracks.
Union Depot R. R. Co .	30 616	49.157	49.157	1.629 using Compton H'ts, Union Depot & Merch. Term. tr'ks. 0.151 using Lindell Ry. Co. tracks. 0.151 using Union Ry. tracks. 0.776 used by Southern Electric Ry. Co. 0.265 using St. Louis Ry. tracks. 0.861 used by Mound City Ry. Co. 3.977 used by Grand Av. Ry. Co.
Union Depot R. R. Co. (Authorized)	1.543	....	....	Not constructed.
Vandeventer Av. Ry. Co..	2 841	5 682	5.682	
Missouri R. R. Co. (Cable)....	4 451	8.902	....	
Peoples Ry. Co. (Cable)..	5.303	9.545	....	
St. Louis R. R. Co. (Cable)	7 206	14 412	....	
Total operated	178,091	301.409	301.409	
Total Authorized.......	28 838			
Total Cable	16.960	32 859		
Total Constructed, but Not Operated..... ..	4.233	5 473	5 473	

EXHIBIT XVIII.

POLES.

NAME.	Number of Poles in Public Streets.	Number of Poles in Parks.
Baden & St. Louis Railroad Co......................	275	
Benton-Bellefontaine Railway Co	826	
Cass Avenue & Fair Grounds Railway Co............	810	
Citizens Railway Co..................................	966	
Clayton & Forest Park Railway Co	32	
Compton Heights, Union Depot & Merchants Terminal Railway Co	613	
Florissant Avenue Railway Co.........................	32	
Forest Park, Laclede & Fourth Street Railway Co.....	231	20
Fourth Street & Arsenal Railway Co	419	
Grand Avenue Railway Co..........................	427	
Jefferson Avenue Railway Co.........................	333	
Lindell Railway Co	839	92
Missouri Railroad Co..................................	668	
Mound City Railway Co	521	
Northern Central Railway Co.........................	615	
Southern Electric Railway Co	838	
Southwestern Railway Co............................	556	
St. Louis & Meramec River Railroad Co...............	376	
St. Louis & Suburban Railway Co....................	396	11
Taylor Avenue Railway Co..........................	419	
Union Railway Co...................................	634	
Union Depot Railway Co	2,876	
Vandeventer Avenue Railway Co....................	168	

EXHIBIT XIX.

WORK DONE BY FIRE AND POLICE TELEGRAPH DEPARTMENT.

Poles.	Erected.	Removed.
30 foot	....	30
35 foot	35	2
40 foot	103	56
50 foot	19	....
Total	157	88

EXHIBIT XX.

WORK DONE AT THE NEW CITY HALL UNDER THE SUPERVISION OF THIS DEPARTMENT FROM SEPT. 1ST, 1896, TO APRIL 1ST, 1897.

	September.	October.	November.	December.	January.	February.	March.	Total.
No. of individual Iron Armor Conduits placed	260	230	225	110	148	128	94	1195
No. of feet of ½-inch Iron Armor	4680	3420	3330	1980	2664	2304	1692	20070
No. of feet of ⅝-inch Iron Armor	112	....	....	....	....	522	144	778
No. of feet of ⅜-inch Circular Loom	....	....	....	....	1760	1320	5060	8140
No. of feet of ¼-inch Circular Loom	....	....	200	....	1180	3080	440	4900
No. of feet of No. 0 Wire in Feeders	....	9669	25113	....	518	....	106	35406
No. of feet of No. 2 Wire in Feeders	....	....	259	....	....	....	....	259
No. of feet of No. 3 Wire in Feeders	....	....	....	....	1171	....	53	1224
No. of feet of No. 4 Wire in Feeders	....	826	....	....	....	....	....	826
No. of feet of No. 6 Wire in Feeders	....	464	518	....	....	....	....	982
No. of feet of No. 10 Wire in Corridor Circuits	....	....	....	....	1760	1320	5060	8140
No. of feet of No. 10 Wire in Arc Circuits	....	....	....	....	....	182	....	182
No. of feet of No. 12 Wire in Corridor Circuits	....	....	....	....	880	3080	440	4400
Tablet Board Controlling 661 Outlets Feeder No. Z-1 Installed	....	1	....	....	....	....	....	1
Tablet Board Controlling 869 Outlets Feeder No. Z-2 Installed	....	1	....	....	....	....	....	1
Tablet Board Controlling 620 Outlets Feeder No. Z-3 Installed	....	1	....	....	....	....	....	1
Tablet Board Controlling 1004 Outlets Feeder No. Z-4 Installed	....	1	....	....	....	....	....	1
Tablet Board controlling 327 Outlets Sub-Feeder No. Z-7 Installed	....	....	....	1	....	....	....	1
Tablet Board Controlling 154 Outlets Sub-Feeder No. Z-8 Installed	....	....	....	....	....	....	1	1
No. of Circuits strung from No. 1 Feeder	....	....	....	....	2	6	4	12
No. of Circuits strung from No. 2 Feeder	....	....	....	....	....	6	7	13
No. of Circuits strung from No. 3 Feeder	....	....	....	....	5	1	10	16
No. of Circuits strung from No. 4 Feeder	....	....	....	....	5	7	4	16
No. of Switch Frames Installed controlling lights from No. 1 Feeder	....	....	....	....	15	11	1	27
No. of Switch Frames Installed controlling lights from No. 2 Feeder	....	....	....	....	10	14	5	29
No. of Switch Frames Installed controlling lights from No. 3 Feeder	....	....	....	....	13	12	....	25
No. of Switch Frames Installed controlling lights from No. 4 Feeder	....	....	....	....	12	15	2	29

EXHIBIT XXI.

WEATHER.

MONTH.	Before 12, Midnight.			After 12, Midnight.		
	Clear.	Part Cloudy.	Cloudy.	Clear.	Part Cloudy.	Cloudy.
1896.						
April	15	6	9	13	2	15
May	18	7	6	14	6	11
June	13	9	8	16	4	10
July	24	2	5	22	2	7
August	27	1	3	26	1	4
September	17	3	10	8	11	11
October	21	4	6	23	4	4
November	16	....	14	11	10	9
December	16	4	11	18	4	9
1897.						
January	14	4	13	11	4	16
February	11	4	13	9	6	13
March	11	3	17	14	2	15
Total	203	47	115	185	56	124

EXHIBIT XXII.

ACCIDENTS REPORTED TO THIS DEPARTMENT — 1896–1897.

Killed by contact with wires	4 persons.
Killed by contact with wires	6 horses.
Shocked by contact with wires	32 persons.
Injured by fall from pole	3 persons.
Asphyxiated by illuminating gas	2 persons.
Killed by gas explosions	1 person.

EXHIBIT XXIII.

FIRES.

During the year 1,016 alarms of fire were received, of which 234 were responded to by officers of this Department.

Fires, cause attributed to electric wires	42
Fires, cause attributed to gas	16
Fires, cause attributed to gasoline	80

EXHIBIT XXIV.

PRIVATE LAMPS ON STREETS.

Arc lights	666
Incandescent lights	3,027
Gas lights	744
Total	4,437

EXHIBIT XXV.

FINANCIAL — FISCAL YEAR 1896–7.

Gas Light.— For gas for public street lamps, lighting, extinguishing, cleaning and repairing and removing lamps in the Carondelet Company's District, forty thousand dollars.

Streets, amount received		$38,875 37
Carondelet Gas Light Co., received	$38,875 37	

Gasoline Lamps, Maintaining.— For maintaining and removing lamps, five thousand dollars.

Streets, amount expended		$4,617 39
Ohio Valley Street Lighting Co., received	$4,617 39	

Electric Light.— For lighting streets, alleys and parks, two hundred and fifty-five thousand dollars.

Streets, amount expended	$164,908 16
Boulevards, amount expended	7,836 30
Alleys, amount expended	33,671 71
Parks, amount expended	8,476 75
	$214,892 92

Edison Illuminating Co., received	$148,126 86
Missouri Electric Light and Power Co., received	35,006 71
Laclede Gas Light Co., received	31,759 35
	$214,892 92

For salaries of Supervisor, Clerks, Inspectors and Draughtsman, eighteen thousand four hundred dollars.

Salaries, amount expended	$18,144 35

For furniture, office expenses, printing and stationery and incidental expenses connected with the supervision and inspection of electric lighting, thirty-seven hundred dollars.

Electrical apparatus	$246 82
Gas apparatus	15 00
Furniture	215 00
Office expenses	301 70
Printing and stationery	779 51
Draughting material and instruments	92 84
Heeping Horses, etc	1,413 55
Hire of Horses, etc	63 00
Miscellaneous	243 30
	$ 3,370 72

Lighting Public Buildings.—For lighting public buildings, sixty-two thousand dollars.

	Electric.	Gas.	Total.
Court House	$ 5,116 60	$..........	$ 5,116 60
City Hall	5,458 10	....	5,458 10
Four Courts	2,591 20	....	2,591 20
Jail	707 15	....	707 15
Police Department, Four Courts	1,334 88	....	1,334 88
Police Stations	6,319 53	265 20	6,584 73
City Hospital	543 72	....	543 72
Insane Asylum	3,388 17	....	3,388 17
Female Hospital	2,139 39	....	2,139 39
Poor House	3,018 60	....	3,018 60
Morgue	206 53	....	206 53
Fire Department	8,903 29	358 70	9,262 60
New City Hall	1,574 69	....	1,574 69
City Building No. 2322 Clark avenue	226 55	....	226 55
Public Buildings in Forest Park	277 69	....	277 69
Water Department, South	61 42	....	61 42
Fire Alarm Office, Court House	391 38	9 30	400 68
Jailer's Quarters	197 52	....	197 52
Temporary City Hospital	1,145 33	900 60	2,045 93
Water Department, North	6,442 98	129 70	6,572 68
Union Market	1,193 92	26 30	1,220 22
Soulard Market	....	7 10	7 10
Health Department	....	143 70	143 70
Harbor and Wharf Department	....	19 80	19 80
Police Court, Second District	....	3 40	3 40
House of Refuge	....	2,121 00	2,121 00
Work House	....	699 90	699 90
Carondelet Market	....	30 10	30 10
	$51,239 25	$ 4,714 80	$55,954 05

Edison Illuminating Co., received	$3,232 11
Missouri Electric Light and Power Co., received	34,766 72
Laclede Gas Light Co. (Elec Dept.), received	13,240 42
Carondelet Gas Light Co., received	3,443 40
Laclede Gas Light Co. (Gas Dept.), received	1,271 40
	$55,954 05

Electric Light — For linemen and messengers, three hundred dollars. Amount expended. $223 75

RECAPITULATION.

	Appropriation.	Expense.	Balance.
Gas Light	$40,000 00	$38,875 37	$1,124 63
Gasoline Lamps — Maintaining	5,000 00	4,617 39	382 61
Electric Light	255,000 00	214,892 92	40,107 08
Salaries	18,400 00	18,144 35	255 65
Expenses	3,700 00	3,370 72	329 28
Lighting Public Buildings	60,000 00	55,954 05	4,045 95
Electric Light for Linemen and Messengers	300 00	223 75	76 25
	$382,400 00	$336,078 55	$46,321 45

DEDUCTIONS UNDER THE SEVERAL CONTRACTS.

	Lights not Erected.	Lights Suspended.	Failures to Light.	Total.
Edison Illuminating Co., Contract 2178, Northern District	$11,770 70	$125 93	$3,500 04	$15,396 67
Edison Illuminating Co., Contract 2176 Southern District	8,791 58	485 80	11,917 69	21,195 07
Missouri Electric Light and Power Co., Contract 2177, Southern District	2,103 85	3,912 11	8,041 03	14,056 99
Laclede Gas Light Co., Contract 2179, Northern District	229 52	302 61	1,232 57	1,764 70
Carondelet Gas Light Co., Contract. Gas Lighting	....	....	83 65	83 65
Ohio Valley Street Lighting Co., Gasoline Lighting	....	....	107 85	107 85
	$22,895 65	$4,826 45	$24,882 83	$52,604 93

GUARANTEE FUNDS.

CONTRACT 2178.

	To April 1, 1896.	Fiscal Year, 1896–7.	Total.
Electric Light	$20,361 20	$3,832 40	$24,193 60
Lighting Public Buildings	585 08	126 16	711 24
	$20,946 28	$3,958 56	$24,904 84

CONTRACT 2176.

	To April 1, 1896.	Fiscal Year, 1896–7.	Total.
Electric Light	$23,271 41	$1,425 34	$24,696 75
Lighting Public Buildings	286 35	16 90	303 25
	$23,557 76	$1,442 24	$25,000 00

CONTRACT 2179.

	To April 1, 1896.	Fiscal Year, 1896–7.	Total.
Electric Light..................	$6,229 38	$1,671 56	$7,900 94
Lighting Public Buildings.......	2,676 29	696 85	3,373 14
	$8,905 67	$2,368 41	$11,274 08

CONTRACT 2177.

	To April 1, 1896.	Fiscal Year, 1896–7.	Total.
Electric Light..................	$8,619 25	$1,842 47	$10,461 72
Lighting Public Buildings.......	9,937 97	1,829 84	11,767 81
	$18,557 22	$3,672 31	$22,229 53

COMPARATIVE STATEMENT OF THE COST OF LIGHTING FOR PAST EIGHT YEARS.

STREETS, ALLEYS AND PUBLIC PLACES.

Fiscal year ending April 7, 1890..................	$308,701 48
“ “ “ “ 13, 1891..................	198,614 15
“ “ “ “ 11, 1892..................	204,478 77
“ “ “ “ 10, 1893..................	214,027 39
“ “ “ “ 9, 1894..................	228,889 17
“ “ “ “ 8, 1895..................	244,012 92
“ “ “ “ 13, 1896..................	258,547 06
“ “ “ “ 12, 1897..................	258,385 68

PUBLIC BUILDINGS.

Fiscal year ending April 7, 1890..................	$32,416 00
“ “ “ “ 13, 1891..................	44,176 31
“ “ “ “ 11, 1892..................	42,240 28
“ “ “ “ 10, 1893..................	43,739 27
“ “ “ “ 9, 1894..................	46,090 02
“ “ “ “ 8, 1895..................	49,484 88
“ “ “ “ 13, 1896..................	55,401 70
“ “ “ “ 12, 1897..................	55,954 05

THE VARIOUS PRICES PAID FOR LIGHTING.

EDISON ILLUMINATING CO., CONTRACTS 2176 AND 2178.

Streets, Arc, 2000 c. p., all night, per lamp per year..............	$74 95
Parks, Arc, 2000 c. p., sunset to midnight, per lamp, May 1st to October 31st..............	39 90
Buildings, Arc, 2000 c. p., available at any time, per lamp per year	51 25

THE MISSOURI ELECTRIC LIGHT & POWER CO., CONTRACT 2177.

Alleys, Incandescent, 30 c. p., all night, per lamp per year........	$26 00
Parks, Incandescent, 30 c. p., sunset to midnight, per lamp, May 1st to October 31..............	20 00
Buildings, 1st class, Incandescent, 16 c. p., available at any time, per lamp per year..............	9 50
Buildings, 2d class, incandescent, 16 c. p., dark to midnight, per lamp per year..............	7 00

LACLEDE GAS LIGHT CO. (ELECTRICAL DEPT.), CONTRACT 2179.

Alleys, Incandescent, 30 c. p., all night, per lamp per year........	$17 50
Parks, Incandescent, 30 c. p., sunset to midnight, per lamp May 1st to October 31st..............	3 37
Buildings, 1st class, Incandescent, 16 c. p., available at any time, per lamp per year..............	20 00
Buildings, 2d class, Incandescent, 16 c. p., dark to midnight, per lamp per year..............	6 02

CARONDELET GAS LIGHT CO.

Streets, gas, 14 c. p., moonlight schedule, per lamp per year......	$37 00
Buildings, gas, per 1,000 cubic feet..............................	1 00

LACLEDE GAS LIGHT CO. (GAS DEPARTMENT).

Buildings, gas, per 1,000 cubic feet..............................	$1 00

OHIO VALLEY STREET LIGHTING CO.

Streets, gasoline, 14 c. p., moonlight schedule, per lamp per year..	$27 96

ESTIMATE FOR FISCAL YEAR 1897-98.

For gas lighting on streets, cleaning, repairing, maintaining, moving lamps, etc..................	$45,000 00
For gasoline lamps on streets, cleaning, repairing, maintaining, moving lamps, etc..................	5,000 00
For electric lighting on streets, alleys, boulevards, parks and public places, and expenditures required by contracts in execution thereof..................	300,000 00
For salaries of supervisor, clerks, inspectors and draughtsmen....	23,500 00
For office expenses, furniture, drawing materials, expenses incidental to the inspection of gas, electrical conductors, poles, etc., and the removal of dead wires..................	5,000 00
For lighting public buildings and expenses incidental thereto......	70,000 00
For lighting public buildings and expenses incidental thereto in addition to the above for portion of New City Hall to be occupied..................	5,000 00
	$453,500 00

In closing I desire to thank the Police, Fire, Fire and Police Telegraph, and other Departments, for the valued assistance rendered the City Lighting Department on every occasion when required.

Very respectfully,

A. J. O'REILLY,
Supervisor of City Lighting.

ANNUAL REPORT

OF THE

SUPERVISOR OF PLUMBING.

For the Fiscal Year ending April 12, 1897.

Hon. Robt. E. McMath, President Board of Public Improvements:

Sir — I have the honor to present herewith my annual report for the fiscal year ending April 12th, 1897:—

OFFICE EXPENSES.

Furniture, printing, stationery, keeping and shoeing horse, repairing vehicles and harness	$ 675 67

PAY-ROLL.

Supervisor, clerk, book-keeper, inspectors and messenger	12,483 58
Total	$13,159 25
Amount of fees collected and paid into the City Treasury	$10,702 00
Amount of deposits paid into the City Treasury	10,911 00

Amount of deposits withdrawn from the City Treasurer as per the following vouchers:—

April 7, 1896, Weiss & Zykan	$ 4 00	
April 27, 1896, Wm. P. Byrne	4 00	
June 22, 1896, John A. Lohrum	8 00	
June 23, 1896, Collins Brothers	9 00	
July 18, 1896, John A. Lohrum	32 00	
July 20, 1896, Gayner & O'Neill	10 00	
August 5, 1896, A. Geisel & Co	16 00	
August 25, 1896, Grenzebach & Dietz	6 00	
September 5, 1896, J. F. Baker	9 00	
October 24, 1896, James H. Crowley	26 00	
December 10, 1896, Felix Wodicka	10 00	
December 22, 1896, Christopher Dunn	2 00	
January 13, 1897, Scannell & Jackson	6 00	
January 17, 1897, Edward Prendergast	10 00	
January 18, 1897, Harrington Brothers	1 00	
January 20, 1897, Julius Werckmann	3 00	
January 20, 1897, The Lyons Construction Co	4 00	
January 30, 1897, Thomas J. Conway & Brother	4 00	
February 3, 1897, Stifel-O'Neal Home Comfort Co	5 00	
February 23, 1897, Gaynord & O'Neill	9 00	
March 17, 1897, Joseph McFarland	10 00	
		$188 00

Number of permits approved for water connections	3,460
Number of permits approved for sewer connections	2,576
Number of permits approved for water pipe and sewer repairs	2,275
Number of inspections made during the year for which charge has been made	10,702
Number of plumbers who have given bond and are licensed to do plumbing	210
Number of drainlayers who have given bond and are licensed to do drainlaying	258
Number of plans approved and filed for plumbing and house drains	3,467

Receipts and expenditures from December 1, 1894, to March 31st, 1897, inclusive:—

Total receipts	$30,568 00
Total expense	29,493 00
	$1,074 88

The foregoing statement shows the total receipts and expenditures during my entire term as Supervisor of Plumbing, which shows a surplus of $1,074.88 over and above all expenses.

Respectfully,

THEO. D. KALBFELL,
Supervisor of Plumbing.

ANNUAL REPORT

OF THE

INSPECTORS FOR SMOKE PREVENTION.

For the Fiscal Year ending April 12, 1897.

Hon. Robert E. McMath, President of the Board of Public Improvements:

SIR: — We have the honor to submit herewith our annual report for the fiscal year ending April 12, 1896.

Our work has been retarded to a considerable extent during the past year, by the cyclone that destroyed a portion of our city, May 27th, 1896.

Many of the steam plants in the Second District were disabled, and in the Third District nearly one-half of the plants were laid waste, of which a large number have not as yet been reconstructed.

Under these trying circumstances and consequent business depression, it was deemed best to be lenient with our citizens, until they could recover from this terrible disaster.

In our detailed report of court cases, it will be observed that the courts have also been lenient in their fines and disposition of cases.

There have been made eight hundred and eight (808) smoke observations of one hundred (100) minutes each; one hundred and fifty-five (155) of these have been reported for prosecution.

You will find a statement inclosed showing the amount of fines, and the disposition of each case by the courts.

Many changes have been made during the past year in the registration of steam plants, these being caused by business changes, such as vacating of steam plants, removing of boilers, increase in number of boilers, and new steam plants erected. The total increase over former registration is eighty-three (83) steam plants, and one hundred and seven (107) boilers.

We have also visited steam plants previously registered as having no smoke-abating devices, and among these found that two hundred and nineteen (219) had been procured during the year.

Inclosed is a statement under the head of "Consolidated Detail Report for the Fiscal Years 1894, 1895, 1896 and 1897 to Date" — intended to show the entire registration, which is one thousand three hundred and ninety (1390) steam plants, two thousand four hundred and fifty-three (2453) boilers, two thousand and thirty (2030) boilers with devices, four hundred and twenty-three (423) boilers without devices, and eleven hundred and six (1106) notices delivered.

Much time has been spent in visiting establishments to caution owners whose plants emit objectionable smoke. In most cases we find this condition due to neglecting to use device, allowing steam jets to remain out of repair, and where low pressure boilers are used, not using enough steam to make steam jets efficient.

Until there are better devices, low pressure boilers will remain offenders.

By referring to the detailed statement of registered plants and boilers, you will notice there are four hundred and twenty-three (423) boilers without devices; this may be accounted for by the fact that many of the larger iron works and forges representing over one hundred (100) boilers are either closed or exempt; there are also charitable institutions, churches, and a large number of office buildings and dwellings using hot water heating furnaces, which do not carry enough steam to make a steam device effective; and worse than all are over eighty (80) public school buildings with about one hundred and twenty (120) low pressure boilers.

The above named plants represent about eighty (80) per cent of the boilers without devices.

Respectfully submitted,

SAM. R. FOX,
AUG. KNICKMEIER,
FRANK C. SHOEMAKER,
Inspectors.

ANNUAL REPORT OF INSPECTORS OF VIOLATIONS OF ORDINANCE 17,049, REPORTED FOR PROSECUTION.

FIRST DISTRICT POLICE COURT.

OFFENDERS.	FINES.	REMARKS.
Thoerner & Shulenburg	$10 00 and Cost	
Mesker and Brother	10 00 and Cost	
Aroma Coffee and Spice Co	10 00 and Cost	
Crescent Paint & Color Co		Change of Venue.
St. Louis Ice Mfg. & Cold Storage Co.	10 00 and Cost	
Jno. Boepple	Cost	
St. Louis Iron & Machine Works	10 00 and Cost	
Arthur Laux	10 00 and Cost	
Western Foundry & Sash Weight Co.	10 00 and Cost	
Bannantine Galv. Iron & Mfg. Co.	10 00 and Cost	Appealed.
Union Iron & Foundry Co	10 00 and Cost	
Peters Fish and Oyster Co	10 00 and Cost	
Cox and Gordon	10 00 and Cost	
Seibel & Suessdorff C. & I. Co	10 00 and Cost	Appealed.
Sylvester C. Judge	10 00 and Cost	
Excelsior Brewery	10 00 and Cost	
Pacific Laundry Co	10 00 and Cost	
Columbia Preserving Co	10 00 and Cost	
Flohr & Walter Candy Co	10 00 and Cost	
Commercial Building Co	10 00 and Cost	
Oriel Building Co	10 00 and Cost	
Rozier Laundry Co	10 00 and Cost	
Beattie Mfg. Co	10 00 and Cost	
St. Louis Carbonating & Mfg. Co	20 00 and Cost	

OFFENDERS.	FINES.	REMARKS.
Mound City Livery & Messenger Co.	$	Dismissed by McQuillen.
Scott & Richarz	10 00 and Cost	
Compton & Jones Printing Co	10 00 and Cost	
St. Louis Carbonic Acid Gas Co	10 00 and Cost	
Columbia Preserving Co.	Cost	By Scott.
Thatcher Silver Grill Co	10 00 and Cost	
Rosenthal and Desberger	10 00 and Cost	
Max-Judd Cloak Co	10 00 and Cost	
Columbia Preserving Co.	25 00 and Cost	
Grand Avenue Hotel	Cost	
Jos. M. Hayes Woolen Co	10 00 and Cost	
Gauss-Shelton Hat Co	10 00 and Cost	
D. L. Parrish Laundry Co.		Dismissed by Scott.
Barnes Medical College	10 00 and Cost	
St. Louis Club	10 00 and Cost	
Ferguson Grand, Hotel	10 00 and Cost	
E. C. White & Co		Dismissed for want of service.
Aug. Kurtzeborn and Son	20 00 and Cost	
Peterson and Holmes	20 00 and Cost	
Mercantile Library	10 00 and Cost	
Security Building Co	25 00 and Cost	
Mo. Electric Light & Power Co	10 00 and Cost	
Beaumont Hospital	25 00 and Cost	
Wagner Electric Co	10 00 and Cost	
C. E. White Catering Co	10 00 and Cost	
Knapp Building Co.		Dismissed.
Geo. Pickel and Bro	10 00 and Cost	
B. Roth Tool Co	10 00 and Cost	
Lindell Railway Co	10 00 and Cost	
Caspar Hartenbach	10 00 and Cost	
U. S. Oil and Mfg. Co	10 00 and Cost	
Geo. F. Bruce	10 00 and Cost	
T. Driscol Tanning Co	10 00 and Cost	
Mo. Cotton Batting & Mfg. Co	10 00 and Cost	
Globe Iron and Foundry Co	10 00 and Cost	
A. Busch Glass Mfg. Co	10 00 and Cost	
Dried Brewers Grain Co	10 00 and Cost	
Therner & Schulenburg	10 00 and Cost	
Chas. Lacontour		Noll Pros.
Merchants Laundry Co	10 00 and Cost	
St. Louis Box Factory	10 00 and Cost	
Seibel & Suessdorff C. & I. Co	10 00 and Cost	
Dodson-Hils Mfg. Co.	10 00 and Cost	
Peters Fish and Oyster Co	10 00 and Cost	
Seibel & Suessdorff C. & I. Co	10 00 and Cost	Appealed.
Nedderhut Warehouse Co	10 00 and Cost	
Clapp Ammonia Co.	Cost	
Peters Fish and Oyster Co	10 00 and Cost	
Saxony Mills		Noll Pros. by City Attorney.
E. E. A. Mueller Drug Mills	Cost	
St. Louis Box Factory	10 00 and Cost	
Mungers Laundry Co	10 00 and Cost	
Hopkins Grand Opera House		In Court.

CASES IN COURT PRIOR TO APRIL 10, 1896.

Laclede Electric Light & Power Co.	10 00 and Cost	
Realty Building	10 00 and Cost	
Havlin's Theater	10 00 and Cost	
Commercial Building Co	10 00 and Cost	
Planters Hotel Co	10 00 and Cost	
Merchants Terminal R. R. Assn.	10 00 and Cost	
A. Krieckhaus & Co	10 00 and Cost	

SECOND DISTRICT POLICE COURT.

OFFENDERS.	FINES.	REMARKS.
Lindell Hotel	$10 00 and Cost	
Moses P. Johnson Machine Co	10 00 and Cost	
Hopson Dairy Co	10 00 and Cost	
McKinney Bread Co	Cost	
P. H. Mellon	Cost	
C. Peper Tobacco Co	Cost	
McKinney Bread Co		in Court.
Dozier Bakery Co		in Court.
Manewal-Lange Bakery		in Court.
Chas. C. Lewis		in Court.
Lindell Hotel		in Court.
Hurst Hotel Jr		in Court.
F. H. Krenning & Son		in Court.
L. M. Rumsey Mfg. Co		in Court.
Moses P. Johnson		in Court.
American Laundry Co		in Court.
St. Louis Feed Co		in Court.
Laclede Electric Light and Power Co	10 00 and Cost	Change of Venue.
Bambrick Construction Co	Cost	
Cote Brilliante Pressed Brick Co		Dismissed on Information.
Benton-Bellefontaine Ry. Co		Dismissed on Information.
Merchants Planing Mill Co		Dismissed by Jury.
Ravenswood Distilling Co		Dismissed by Jury and Appealed.
Heller and Hoffman	Cost	
Brownell Car Co	10 00 and Cost	Stayed on Cost.
Ramlose Shoe Co	10 00 and Cost	
Mississippi Glass Co	10 00 and Cost	
Wm. Waltke and Co	Cost	
Perkinson Construction Co	Cost	
Morse and Spurr Wool Co	Cost	
A. Kessler and Son	10 00 and Cost	Appealed.
Western Stove Mfg. Co	10 00 and Cost	“
Branch-Crookes Saw Co	Cost	
B. Murmann	Cost	
Bambrick Construction Co		Dismissed by Jury.
Superior Ice and Cold Storage Co	Cost	
St. Louis Screw Co	Cost	
Peters Shoe Co	Cost	
Buck's Stove and Range Co	10 00 and Cost	Appealed.
A. Kessler and Son		Dismissed by Jury.
Superior Ice and Cold Storage Co		“ “
E. Heitzeberg Packing and Prov. Co	10 00 and Cost	Appealed.
College Hill Pressed Brick Co	10 00 and Cost	“
Ramlose Shoe Co	Cost	
Rogers Elevator Co		Dismissed by Jury.
Laclede Car Co	10 00 and Cost	
Taylor Mfg. Co	Cost	
Fred Holste Rendering Works	Cost	
P. B. Mathiason and Co	Cost	
J. G. Haas Soap Co	Cost	
Nolte & Dolch Fertilizing Co	Cost	
C. W. Hogan Quarry	Cost	
Mound City Cereal Mills	Cost	
Curtis and Co. Mfg. Co	10 00 and Cost	Stayed on Cost.
Union Stock Yards Abattoir		In Court.
P. B. Mathiason and Co	Cost	
Victoria Mills	10 00 and Cost	
United Elevator Co		In Court.
Monarch Laundry Co	10 00 and Cost	Stayed on Cost.
Ravenswood Distilling Co		In Court.
Hafner-Lothmann Mfg. Co		“
St. Louis Mfg. Co		“
W. Leroi Mfg. Co		“

OFFENDERS.	FINES.	REMARKS.
Crescent Furniture and Lumber Co.	$	In Court.
Utrecht and Hesse Excelsior Co.		“
Union Stock Yards		“
Reardon Glue Co		“
Laclede Gas Light Co		“
Fairbanks Scales Repair Shop		“
Branch-Crookes Saw Co		“
Hafner-Lothmann Mfg. Co		“
A. Kessler and Sons		“
Sessinghaus Milling Co		“
Curtis and Co. Mfg. Co		“
Ravenswood Distilling Co		“
E. Kinnealy Quarry		“
C. W. Hogan Quarry		“

CASES IN COURT PRIOR TO APRIL 10, 1896.

Bambrick Construction Co	10 00 and Cost
Pocock Can Co	Cost
Benton-Bellefontaine Ry. Co	10 00 and Cost
Mechanics Planing Mill Co	10 00 and Cost
Siegel Hilman & Co	Cost
A. Frankenthal & Bro	10 00 and Cost
Ravenswood Distilling Co	15 00 and Cost
Heller and Hoffman Chair Co	10 00 and Cost
Ramlose Shoe Co	10 00 and Cost
C. E. White & Co	10 00 and Cost
Mississippi Glass Co	10 00 and Cost
Wm. Waltke and Co	Cost
Perkinson Construction Co	10 00 and Cost
Moore and Spur Wool Co	10 00 and Cost

SAM. R. FOX,
AUG. KNICKMEIER,
FRANK C. SHOEMACHER,
Inspectors.

ST. LOUIS, April 28, 1897.

Hon. Robt. E. McMath, President Board of Public Improvements:

DEAR SIR: — We herewith submit a supplementary report to our annual report on Smoke Abatement ending April the 12th, 1897, giving monthly statement of observations and court cases, together with additional facts pertaining to smoke abatement: —

MONTHLY STATEMENT.

Monthly	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mch.
Observations	85	104	48	53	50	37	11	44	100	102	133	41
Court Cases	28	11	6	10	4	1	..	3	10	31	35	6

During the past year we have had three important obstacles to contend with in abating smoke: —

1st. The terrible cyclone of May 27, 1896.
2d. The delays caused by the courts, and
3d. The officers of the Citizens' Smoke Abatement Association.

During April, as shown by our monthly statement, fair progress was made. In May our observations were up to the average, but owing to the cyclone on the 27th, few of the cases were sent to court; for the same reason not many observations were taken during the months of June, July, August, September, October and November; instead, the City Inspectors used every effort to abate smoke without prosecution, as our citizens were called upon for liberal contributions to relieve the unfortunate cyclone sufferers. In December, January, and February we made more than the average number of observations, but in March few observations were taken. There were two reasons for this:—

1st. The action of Judge Stevens of the Second District Police Court on February 10, in refusing to try or give judgment in smoke cases, pending the decision of the Supreme Court in the case of the Edw. Heitzberg

Packing & Provision Co., and the Regina Mills, which were appealed to that court.

2d. The action of the officers of the Citizens' Smoke Abatement Association. About the first of February the City Inspectors were informed by Mr. James Cox, Secretary of the Association: "We will close the Smoke Abatement Association April the 1st. I want the smoke observations pushed as hard as possible to fill the court with cases, so that we can go out with flying colors." At the same time Mr. Cox also informed us that a committee had called upon you, and had arranged for the inspectors to divide into twos so as to take double the number of observations. This statement you confirmed, and approved of the plan of action. In opposition to this policy, Mr. Scott, the Association Inspector, refused to take observations as desired, saying: "Judge Stevens will not try the cases, and it is useless to have them accumulate in court, besides the Association is to dissolve the first of April, and if I secure the position I expect to, I will not want to lose time in attending court as a witness in so many cases." About the middle of February, Mr. McQuillan, attorney for the Association, instructed the inspectors as follows: "Go slow in making cases, especially in the manufacturing districts, on account of the cases pending in the Supreme Court." In the latter part of November, Mr. George M. Wright, president of the Association, gave the inspectors the following instructions: "Do not push the observations, especially south of Clark avenue, as we have been raising subscriptions in the Business Men's League, Merchants' Exchange, and Manufacturers' Association for the cyclone sufferers."

The decision of Judge Stevens, the action of Mr. Scott, and the instructions of Mr. Wright and Mr. McQuillan account for the falling off of observations in March.

Two other causes have retarded the abatement of smoke:—

1st. The refusal of Mr. Scott, the Association Inspector, to take observations on smoke stacks owned by contributors to the Association funds.

2d. The failure on the part of the Association Officers to file and prosecute cases against offenders who were members of the Association, after they had been O. K'd. by the President of the Board of Public Improvements. There are 31 smoke cases pending in the Second District Police Court, in sixteen of which no service has been had on the defendants; some of these cases were sent to Court four months ago.

Notwithstanding all the obstacles above referred to, a comparison of our annual report with that of the preceding year, will show an increase in smoke abatement over the previous year.

Being employed as Smoke Inspectors for the common interest of all citizens, including steam-makers (nearly all of whom are in favor of the Smoke Ordinance, and are endeavoring to conform to it), we deem it therefore in the interest of smoke abatement to treat them with business courtesy, and for this reason we devote much of our time in visiting owners of steam plants to caution and persuade them to renewed efforts to abate their smoke. We find this course quite as effective and more satisfactory than the reckless pushing of smoke observations, which is characterized as snap-judgment or persecution.

Very respectfully,
SAM. R. FOX,
AUG. KNICKMEIER,
FRANK C. SHOEMAKER,
Inspectors.

ST. LOUIS, MO., April 12, 1897.

Consolidated detail report of registered steam plants, boilers, boilers with devices, boilers without devices, and notices delivered during the fiscal years 1894, 1895, 1896 and 1897 to date: —

	Registered Steam Plants.	Registered Boilers.	Boilers with Devices.	Boilers without Devices.	Notices Delivered.
First District.........	254	464	380	84	214
Second District.......	657	982	819	163	566
Third District........	479	1,007	831	176	326
Total.............	1,390	2,453	2,030	423	1,106

SAM. R. FOX,
AUG. KNICKMEIER,
FRANK C. SHOEMAKER,
Inspectors.

ANNUAL REPORT

OF THE

STREET COMMISSIONER.

For the Fiscal Year Ending April 12, 1897.

OFFICE OF THE STREET COMMISSIONER,
ST. LOUIS, MO., April 13, 1897.

To the Honorable Board of Public Improvements:

GENTLEMEN — I have the honor to submit herewith the following report of the operations of the Street Department for the fiscal year ending April 12th, 1897: —

EXPENDITURES DURING FISCAL YEAR, 1896-97.

NEW WORK.

Construction of streets and alleys	$ 61,576 51	
Reconstruction of streets and alleys	2,485 38	
Construction of bridges and culverts	9,314 84	
Total amount certified for new work		$ 73,376 73

CURRENT AND MISCELLANEOUS EXPENSES.

Street Commissioner's Department	$ 73,972 12	
Street Repairs — Miscellaneous expenses	118,020 69	
Street Repairs — Macadam and other material	102,761 04	
Street Repairs — Salaries	26,365 56	
Street Repairs — Reconstructed streets	39,621 79	
Street Cleaning — Labor and carts	142,346 99	
Street Cleaning — Stone and wood blocks and asphalt pavements	73,723 15	
Street Cleaning — Block system	24,815 75	
Street Bridges and Culverts — Miscellaneous and repairs	28,360 10	
Street grades and surveys	11,692 98	
Fund for numbering houses	2,472 95	
Streets — Special service	2,999 88	
Sprinkling streets — Ordinance No. 17,788	106,610 45	
Sprinkling streets — Ordinance No. 14,911	1,958 00	
Signs for street names	11,022 15	
Total amount certified for current and miscellaneous expenses		$ 766,743 60
Total amount certified during the year		$ 840,120 33

The following amounts for work done in improving and reconstructing streets and alleys, and in repairing alleys and sidewalks, were assessed as a special tax against the owners of abutting property, to wit: —

NEW WORK.		
Constructing streets with telford and macadam..	$115,006 06	
Constructing streets with vitrified brick.........	167,673 50	
Constructing alleys with vitrified brick..........	17,258 91	
Constructing alleys with granite blocks..........	1,032 37	
Constructing alleys with limestone blocks........	3,523 17	
Paving sidewalks with brick.....................	660 18	
Paving sidewalks with artificial stone flagging....	47,035 43	
Total..................................		$352,189 62
RECONSTRUCTION.		
Reconstructing streets with granite blocks.......	$51,623 62	
Reconstructing alleys with granite blocks........	7,188 90	
Reconstructing alleys with vitrified brick	4,205 37	
Reconstructing alleys with artificial stone flagging	441 09	
Total..................................		63,458 98
REPAIRING.		
Repairing alleys with limestone blocks...........	$1,984 18	
Repairing sidewalks with brick..................	6,144 31	
Repairing sidewalks with artificial stone flagging.	28 01	
Total..................................		8,156 50
Total amount assessed as a special tax against abutting property owners		$423,805 10
Add amount certified to Auditor....		840,120 33
Making a grand total of....................		$1,263,925 43

WORK DONE BY WORKHOUSE CONVICTS IN GRADING STREETS, ALLEYS AND CITY PROPERTY DURING THE YEAR 1896-97.

STREETS.

	Cu. Yds.
Compton av., between Arsenal st. and Pestalozzi st............	7,500
Ohio av., between Meramec st. and Gasconade st..............	1,100
Broadway, between Hill st. and Maeder st.....................	1,800
Winnebago st., between Virginia av. and Tennessee av.........	3,500
Oregon av., between Chariton st. and Meramec st..............	4,300
Arkansas av., between Magnolia av. and Sidney st.............	1,900
Winnebago st., between Pennsylvania av. and Louisiana av....	4.100
Winnebago st., between Nebraska av. and Louisiana av........	4,800
Oregon av., between Potomac st. and Cherokee st.............	300
Lemp av., between Broadway and Utah st.....................	3,100
Minnesota av., between Arsenal st. and Pestalozzi st..........	4,300
Ohio av., between Keokuk st. and Chippewa st................	2,200
Winnebago st., between Broadway and Jefferson av............	2,950
Miami st., between Compton av. and Grand av.................	5,100
Eiler st., between Minnesota av. and Michigan av..............	3,800
Potomac st., between California av. and Oregon av...........	1,800
Osceola st., east of Broadway.....	3,000
Neosho st., between Broadway and Compton av................	4,700
Osceola st., between Texas av. and Ohio av...................	1,900
Total... ...	62,150

ALLEYS.

	Cu. Yds.
Alleys in city block No. 1632	2,400
N. and S. alley in city block No. 1477	4,800
E. and W. alley in city block No. 2675	650
Alleys in city block No. 1478	4,900
Alleys in city block No. 1523	450
Alleys in city block No. 1533	300
Alleys in city block No. 1644	1,000
E. and W. alley in city block No. 2659	7,200
Total	21,700

CITY PROPERTY.

City property in Block No. 2708	15,300
City Market Place, Block 1523 and 1524	4,750
Total	20,050

RECAPITULATION.

Streets and avenues	62,150
Alleys	21,700
City property	20,050
Total	103,900

The total mileage of improved streets and alleys in the city of St. Louis at this date is as follows:—

STREETS.

	Miles.	
Macadamized	267.80	
Improved with telford	61.64	
Paved with wood blocks on concrete	8.35	
Paved with granite blocks	47.13	
Paved with asphaltum	9.03	
Paved with limestone blocks	0 84	
Paved with vitrified brick	5.12	
Total		399.91 miles.

ALLEYS.

Paved with limestone blocks	85.96	
Paved with granite blocks	6.91	
Paved with artificial stone flagging	0.79	
Paved with asphaltum	0 03	
Paved with vitrified brick	4.74	
Total		98.43 miles.
Grand total streets and alleys (improved)		498.34

REVISED SPECIFICATIONS.

The specifications for telford, brick and granite streets were revised. The most important changes were in quantities for concrete. In the old specifications the quantities were as follows: One part cement, two parts sand and five parts broken stone. In the new specifications the quantities are: One part cement, two parts sand and four parts broken stone.

NEW CROSS-SECTIONS.

New cross-sections of the streets were prepared in this Department and adopted by the Board of Public Improvements.

The cross-sections are modern and in accord with the best engineering practice. The old-fashioned street with high crown and herring-bone gutters will soon be a thing of the past.

(See drawings of old and new cross-sections that accompany this report).

MANURE BOXES.

About one year ago the Health Department, as a sanitary measure, requested the Street Commissioner to order the manure and ash boxes removed from streets and alleys. Four special inspectors were detailed to notify property owners to this effect, and up to date over two thousand manure and ash boxes have been taken away, greatly improving the appearance and sanitary condition of the city.

ANNUAL APPROPRIATION.

The appropriation in 1896 for the Street Department was about the same as it was in 1885, but should increase yearly as new streets and alleys are built, which add to the annual expense account for cleaning, repairs, etc. In fact, eighty miles of streets were built since 1885, and the appropriation for 1896 was about the same as in 1885. Notwithstanding the cost of the tornado and the inadequate appropriation, this Department built fourteen miles of streets in 1896. The Street Department never has enough money appropriated to properly clean the streets, and, what is more humiliating, cannot find money to pay for grading when the property owners petition for full improvements. At the present writing the committee on streets and railroads hold ordinances for twenty-six miles of streets; the special tax bills amount to $1,500,000.00. The city would be required to appropriate $240,000.00 to pay for the grading, excess, etc. These ordinances cannot be sent to the Assembly until the money is appropriated by the city to pay for grading, etc.

The mileage of street openings keeps pace with the mileage of streets improved. At this rate there will always be from three to five hundred miles of unpaved streets. The remedy for this would be to stop opening new streets until the old streets are constructed.

FISCAL YEAR.

The fiscal year ends in April. The annual appropriation is usually made early in July of each year, three months after the fiscal year ends. No ordinances for new work that involves any expense to the city can be submitted to the Assembly until the annual appropriation is made. Thus three months of the best time for outdoor work are lost each year.

It would expedite work if the fiscal year ended December 31st.

REPORTS OF OFFICERS.

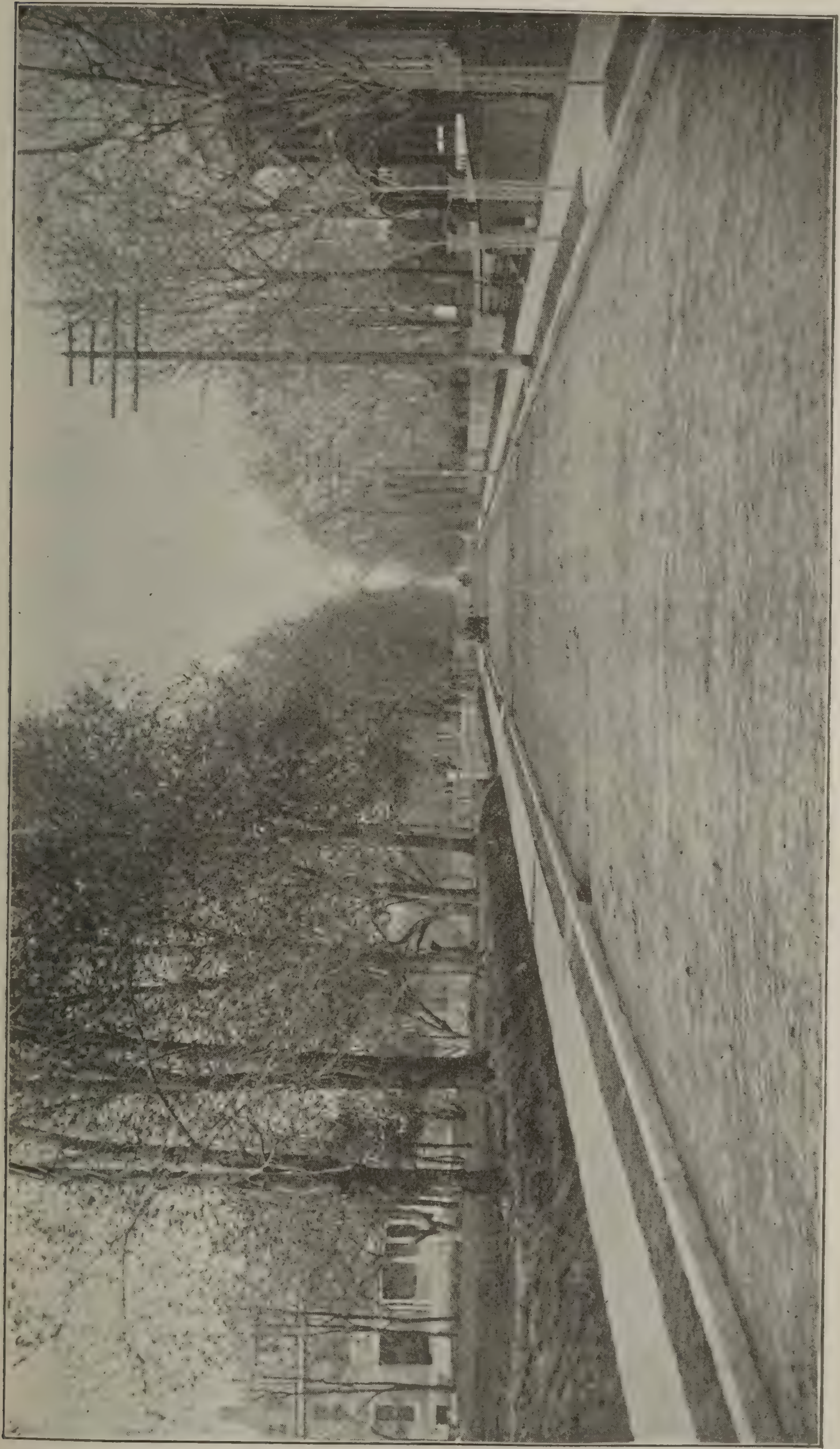
I have the honor to invite particular attention to the accompanying reports of Mr. August Rauschenbach, Assistant Commissioner; Capt. Thos. H. Macklind, General Superintendent of Repairs and Cleaning; Mr. Carl Gayler, Bridge Engineer; Mr. Allen Trail, Inspector in Charge of Special Tax Repairs; Mr. George W. Riechman, Superintendent of Sprinkling, and Mr. John B. Owen, in charge of Excavation Permits.

Respectfully submitted,

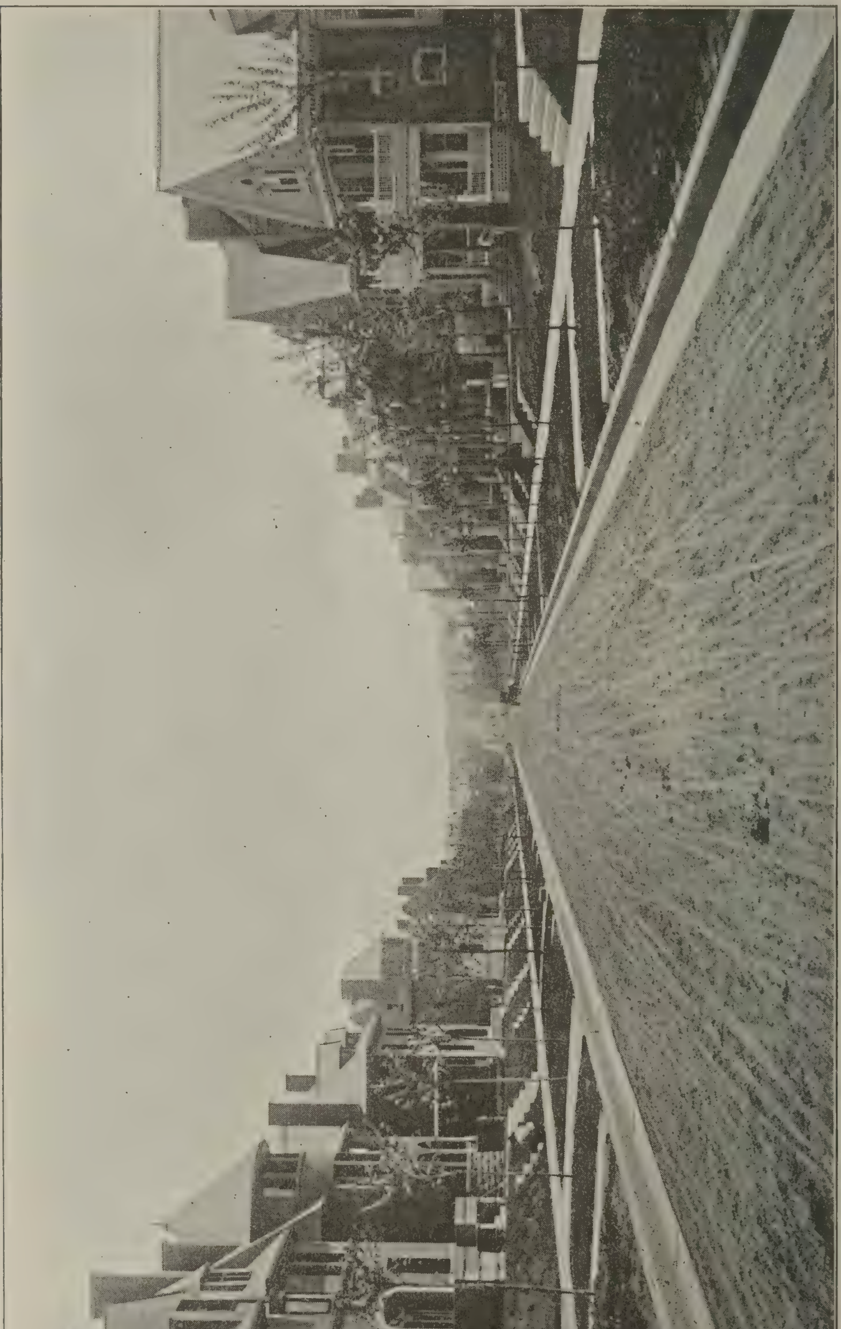
A. N. MILNER,
Street Commissioner.

OLIVE STREET
(Granite)

LINDELL BOULEVARD
(Telford)



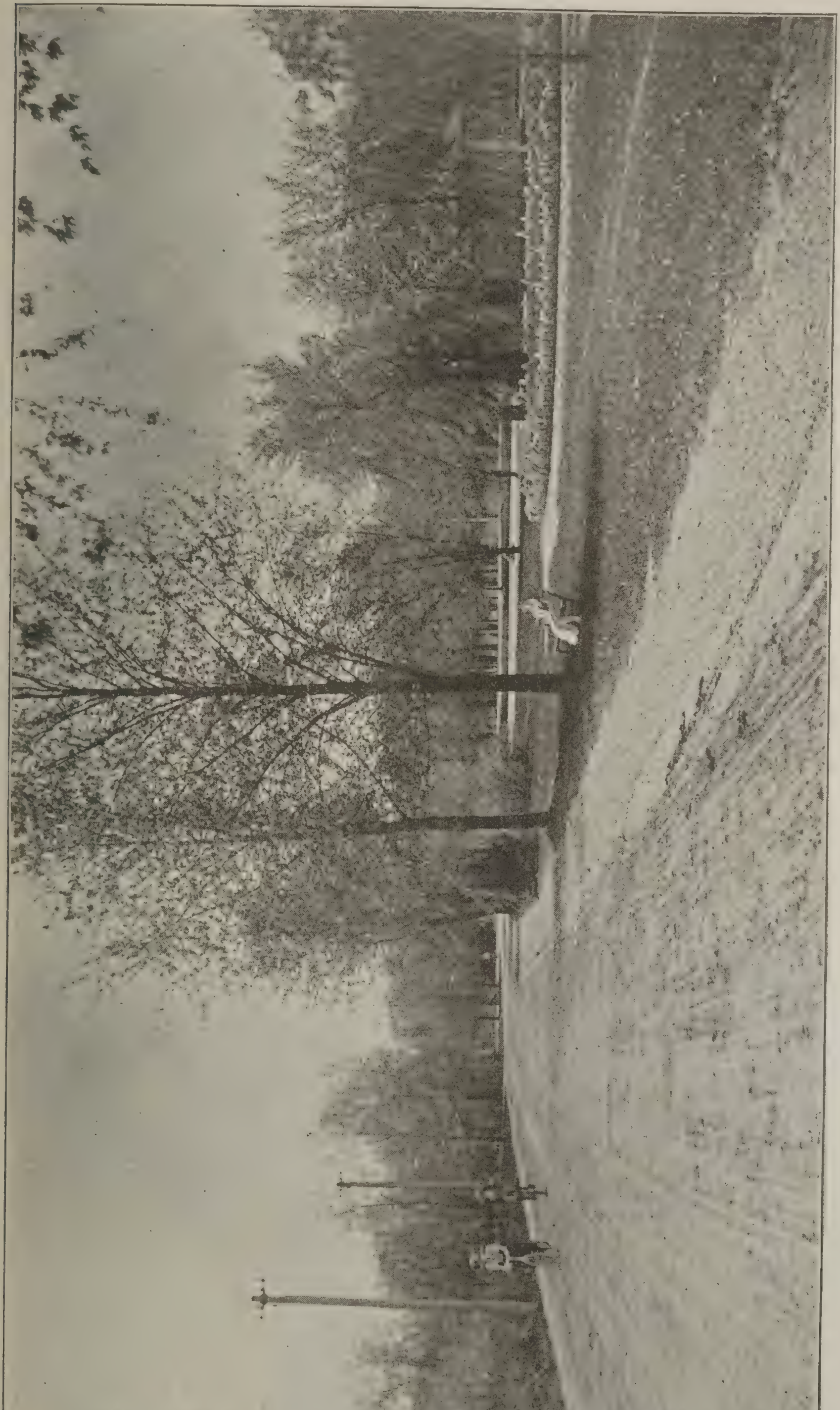
EUCLID AVENUE
(Brick)



WESTMINSTER PLACE
(Telford)

McPHERSON AVENUE
(Asphalt)

DELMAR BOULEVARD
(Improved Telford)



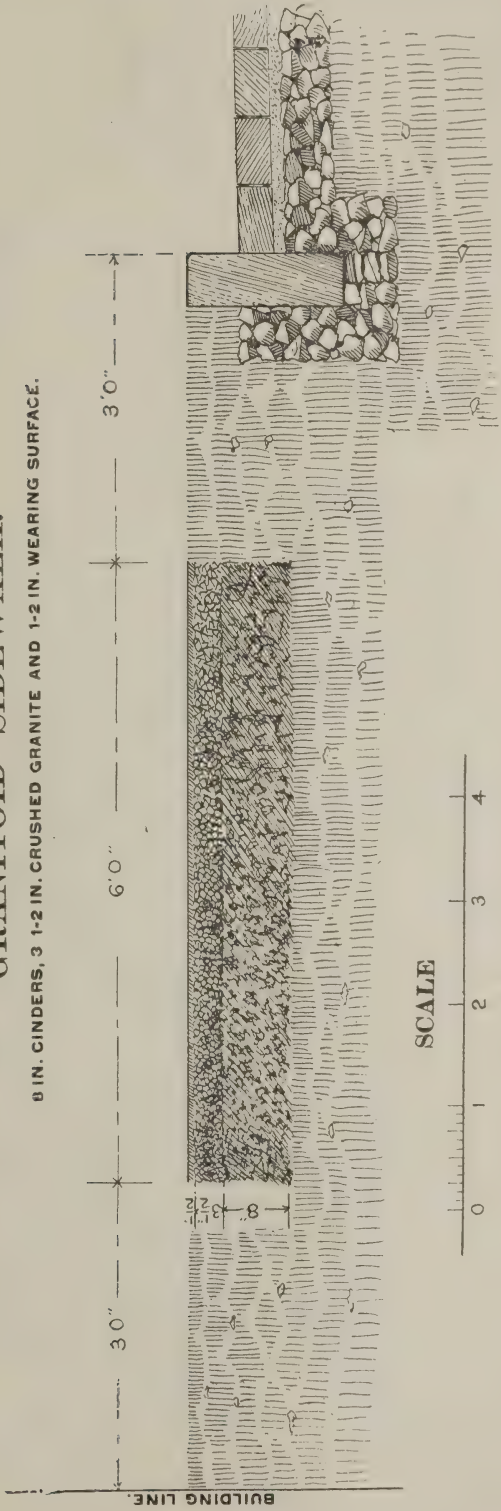
FOREST PARK

FOREST PARK
(Park Road)

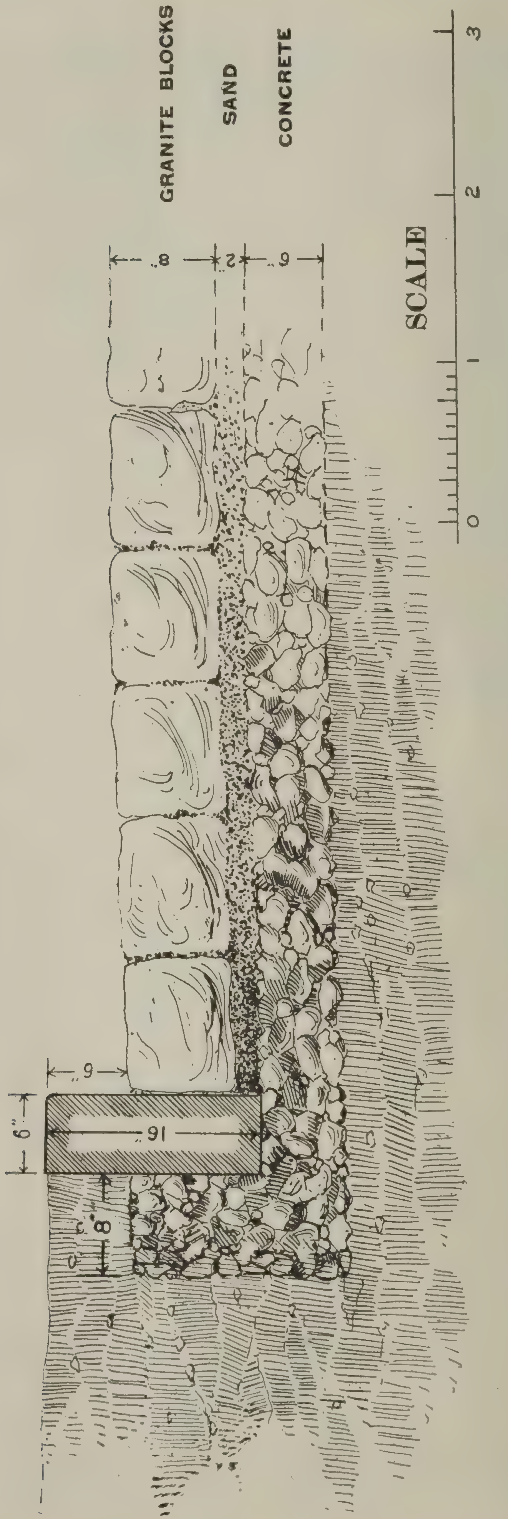
CROSS-SECTION OF

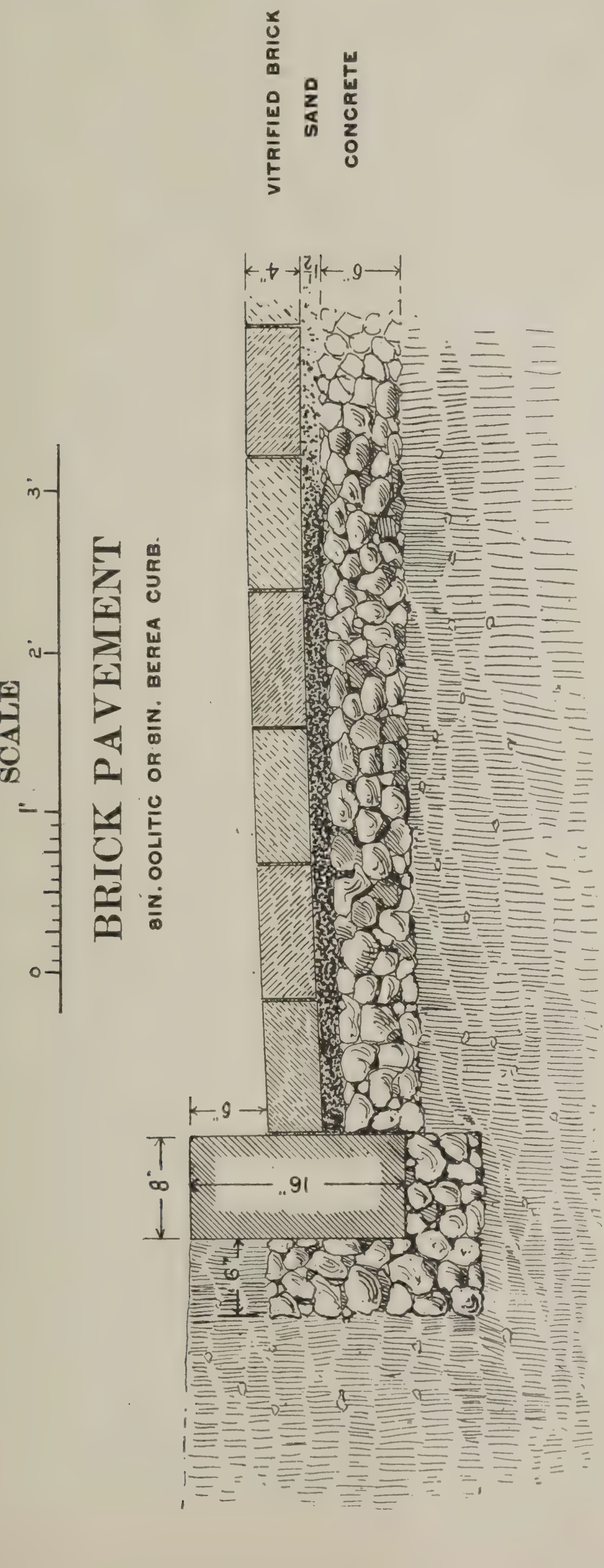
GRANITOID SIDEWALK.

8 IN. CINDERS, 3 1-2 IN. CRUSHED GRANITE AND 1-2 IN. WEARING SURFACE.


3'0"
6'0"
3'0"
½"
3½"
8"
SCALE
0
1
2
3
4
BUILDING LINE.

GRANITE PAVEMENT

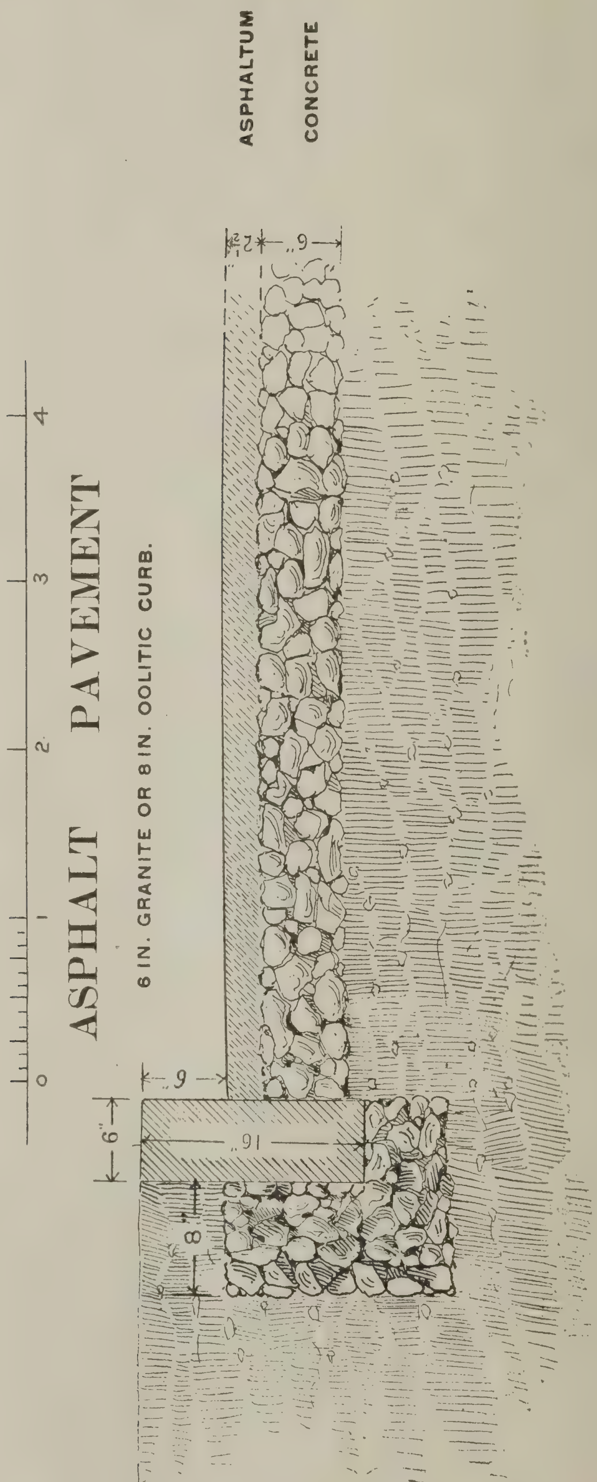

GRANITE BLOCKS
SAND
CONCRETE
8"
2"
6"
6"
16"
6"
8"
SCALE
0
1
2
3



BRICK PAVEMENT

8IN. OOLITIC OR 8IN. BEREA CURB.

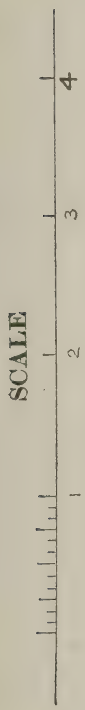
SCALE
0
1'
2'
3'
VITRIFIED BRICK
SAND
CONCRETE
4"
1½"
6"
6"
16"
8"
6"



ASPHALT PAVEMENT

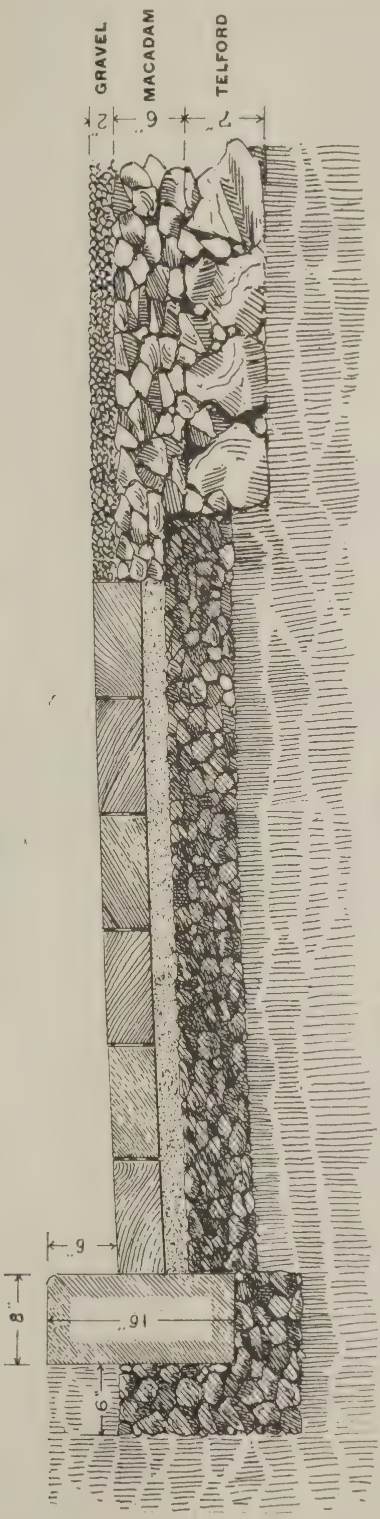
6 IN. GRANITE OR 8 IN. OOLITIC CURB.

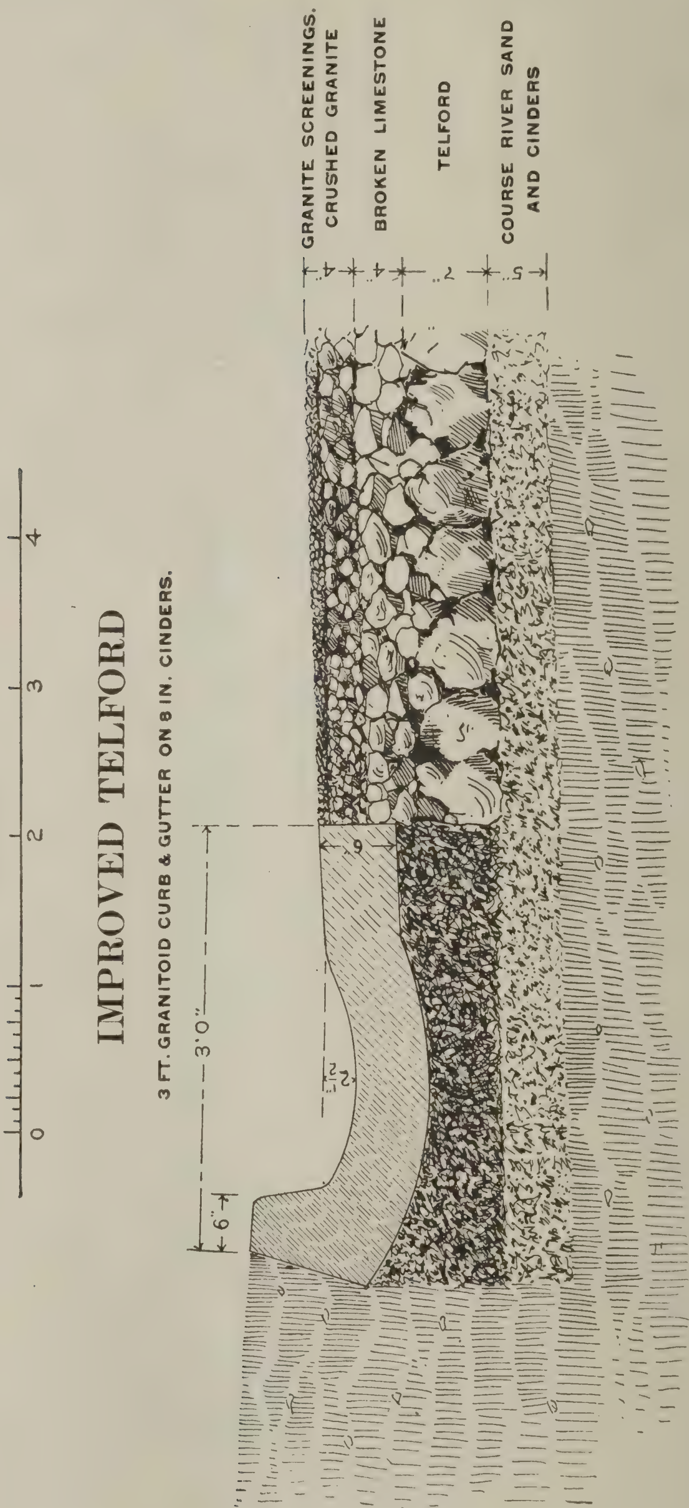
SCALE
0
1
2
3
4
ASPHALTUM
CONCRETE
2"
6"
6"
16"
6"
8"



TELFORD PAVEMENT.

5 FT. VITRIFIED BRICK GUTTER ON CONCRETE BASE, 6 FT. 6 IN. X 6 IN.

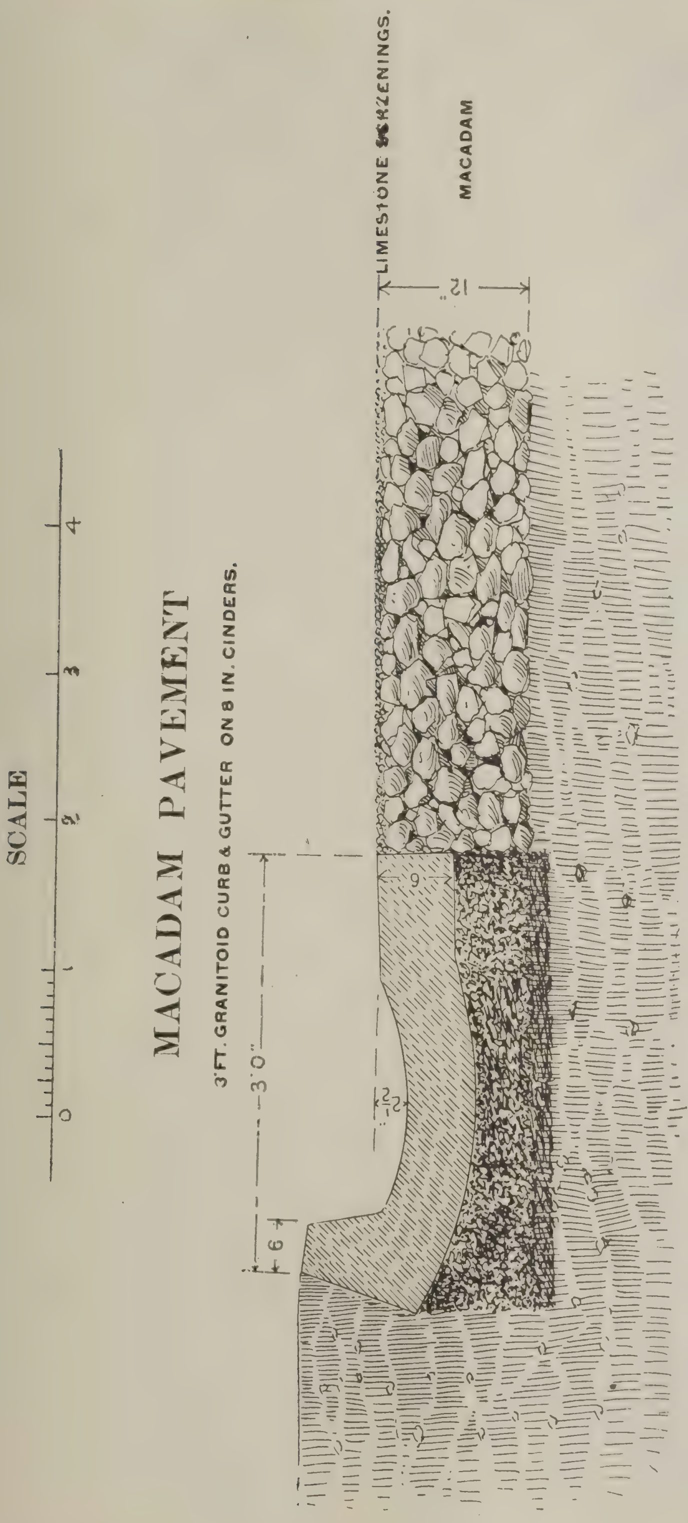

GRAVEL
MACADAM
TELFORD
2"
6"
7"
6"
16"
8"
6"



IMPROVED TELFORD

3 FT. GRANITOID CURB & GUTTER ON 8 IN. CINDERS.

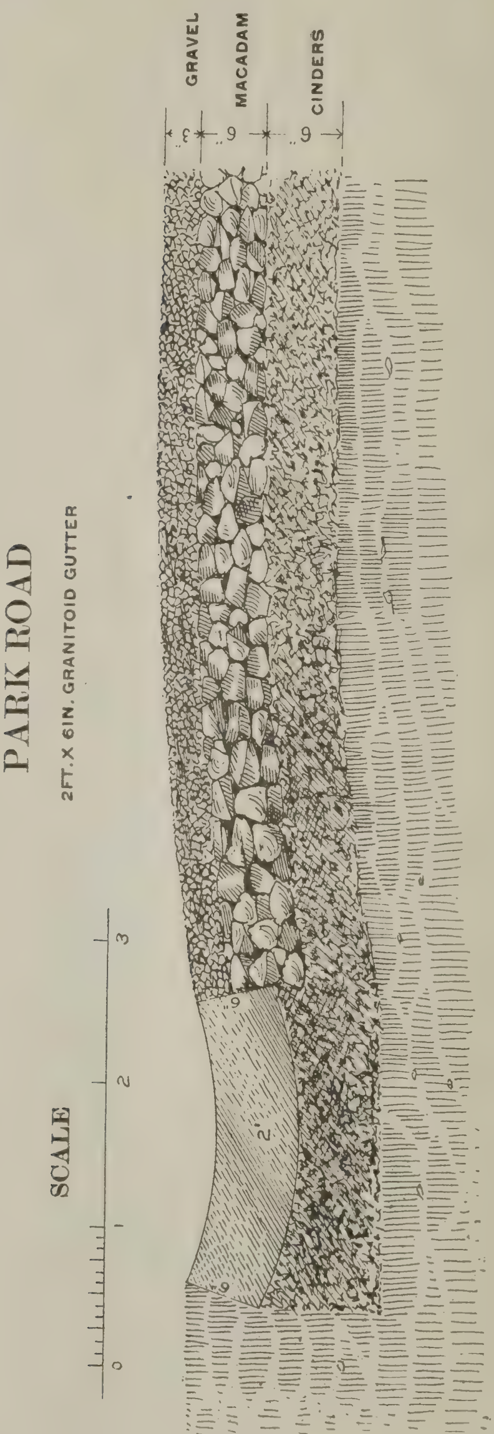
SCALE
0
1
2
3
4
3'0"
6"
6"
2½"
4"
4"
7"
5"
GRANITE SCREENINGS. CRUSHED GRANITE
BROKEN LIMESTONE
TELFORD
COURSE RIVER SAND AND CINDERS



MACADAM PAVEMENT

3'FT. GRANITOID CURB & GUTTER ON 8 IN. CINDERS.

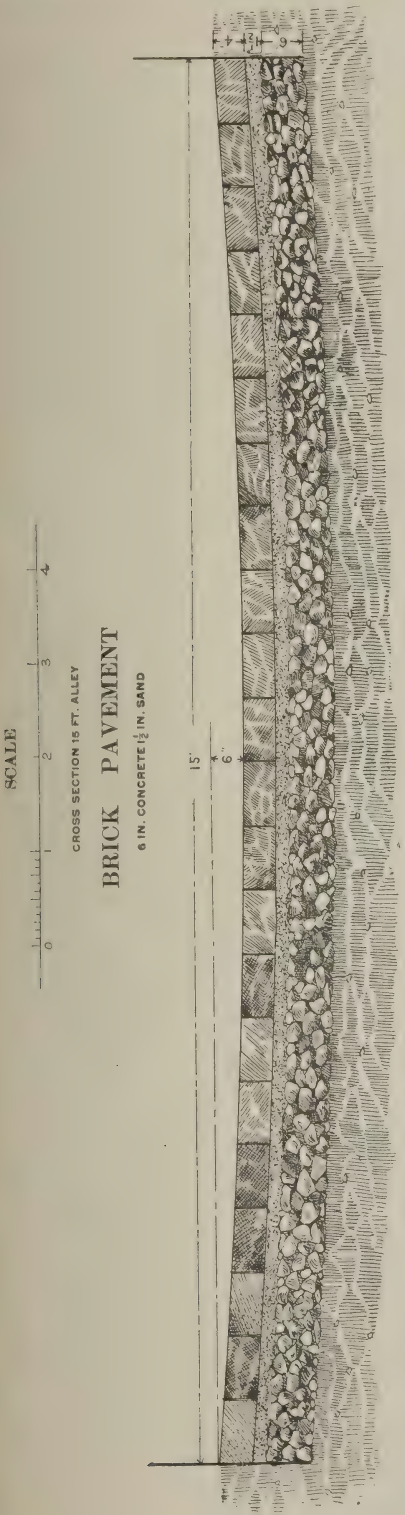
SCALE
0
1
2
3
4
LIMESTONE SCREENINGS.
MACADAM
12"
9"
3'0"
2½"
6"



PARK ROAD

2FT. X 6IN. GRANITOID GUTTER

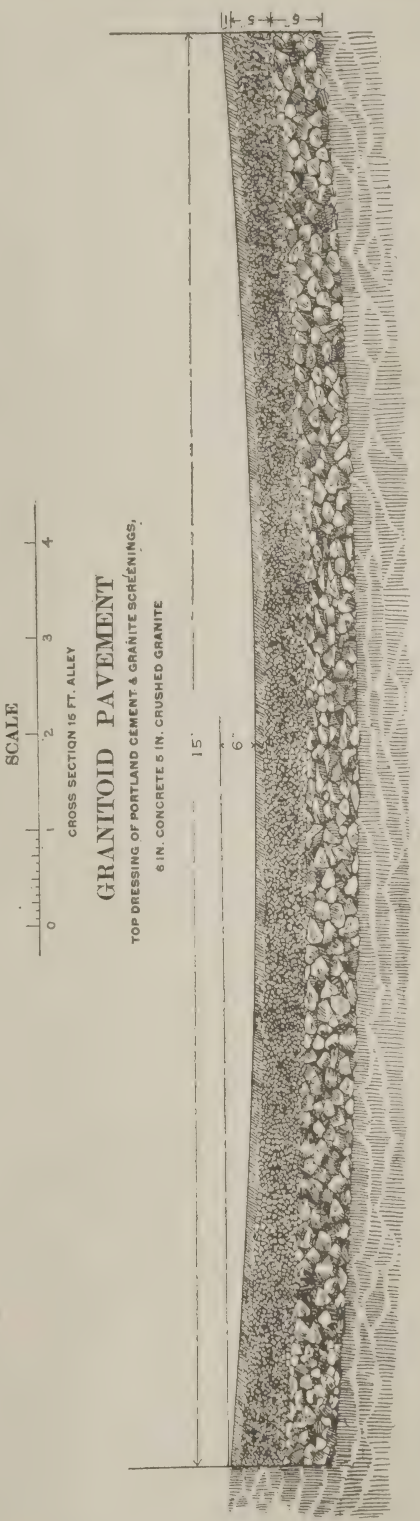
SCALE
0
1
2
3
GRAVEL
MACADAM
CINDERS
3"
6"
6"
6"
2'
6"


SCALE
0
1
2
3
4
15'
6"
4
1½
6

BRICK PAVEMENT

CROSS SECTION 15 FT. ALLEY

6 IN. CONCRETE 1½ IN. SAND


SCALE
0
1
2
3
4
15'
6"
1
5
6

GRANITOID PAVEMENT

CROSS SECTION 15 FT. ALLEY

TOP DRESSING OF PORTLAND CEMENT & GRANITE SCREENINGS,

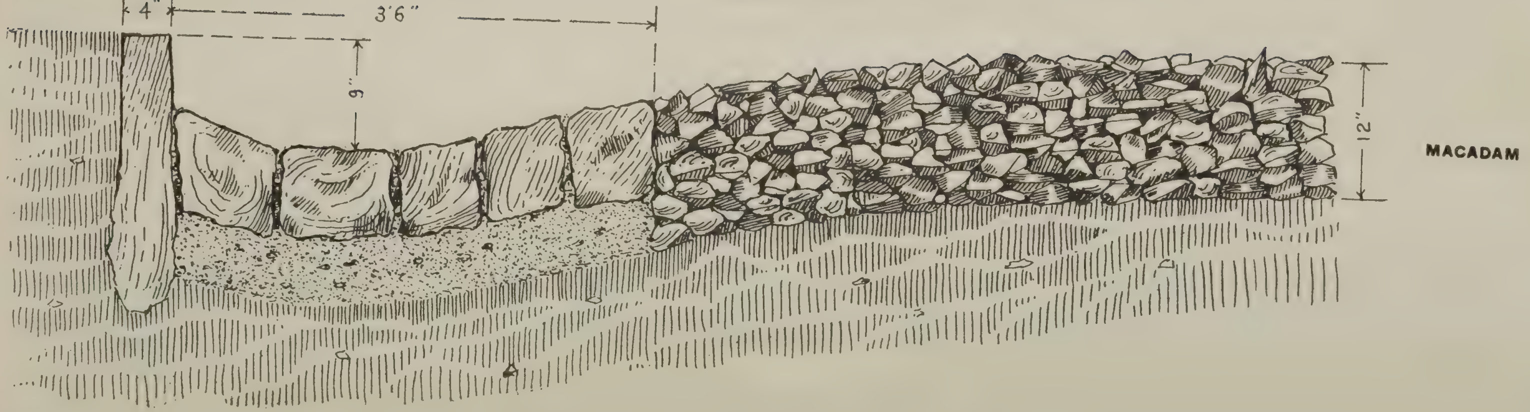
6 IN. CONCRETE 5 IN. CRUSHED GRANITE

-OLD STYLE-

MACADAM STREET

3FT. 6IN. HERRINGBONE GUTTER

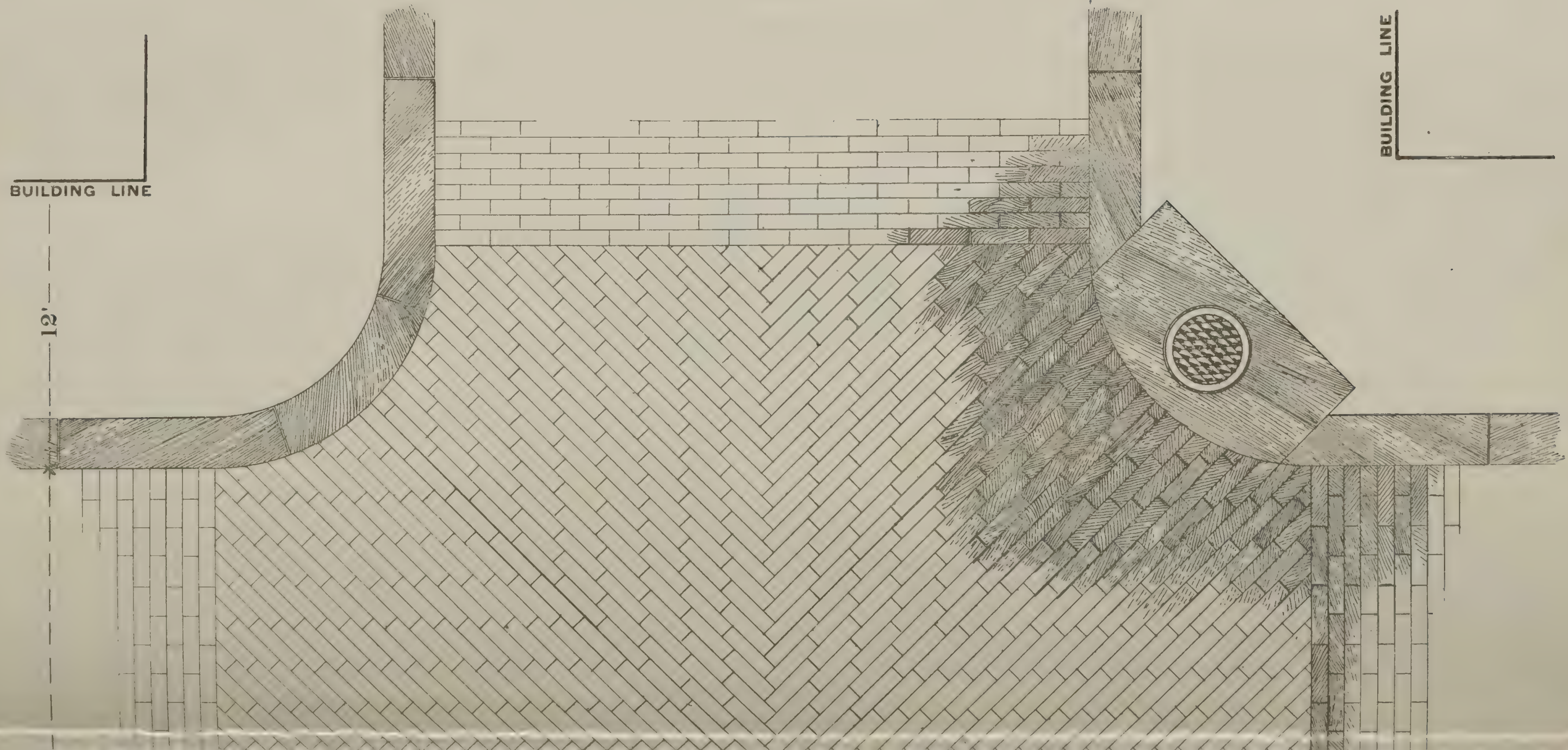
OBSOLETE.

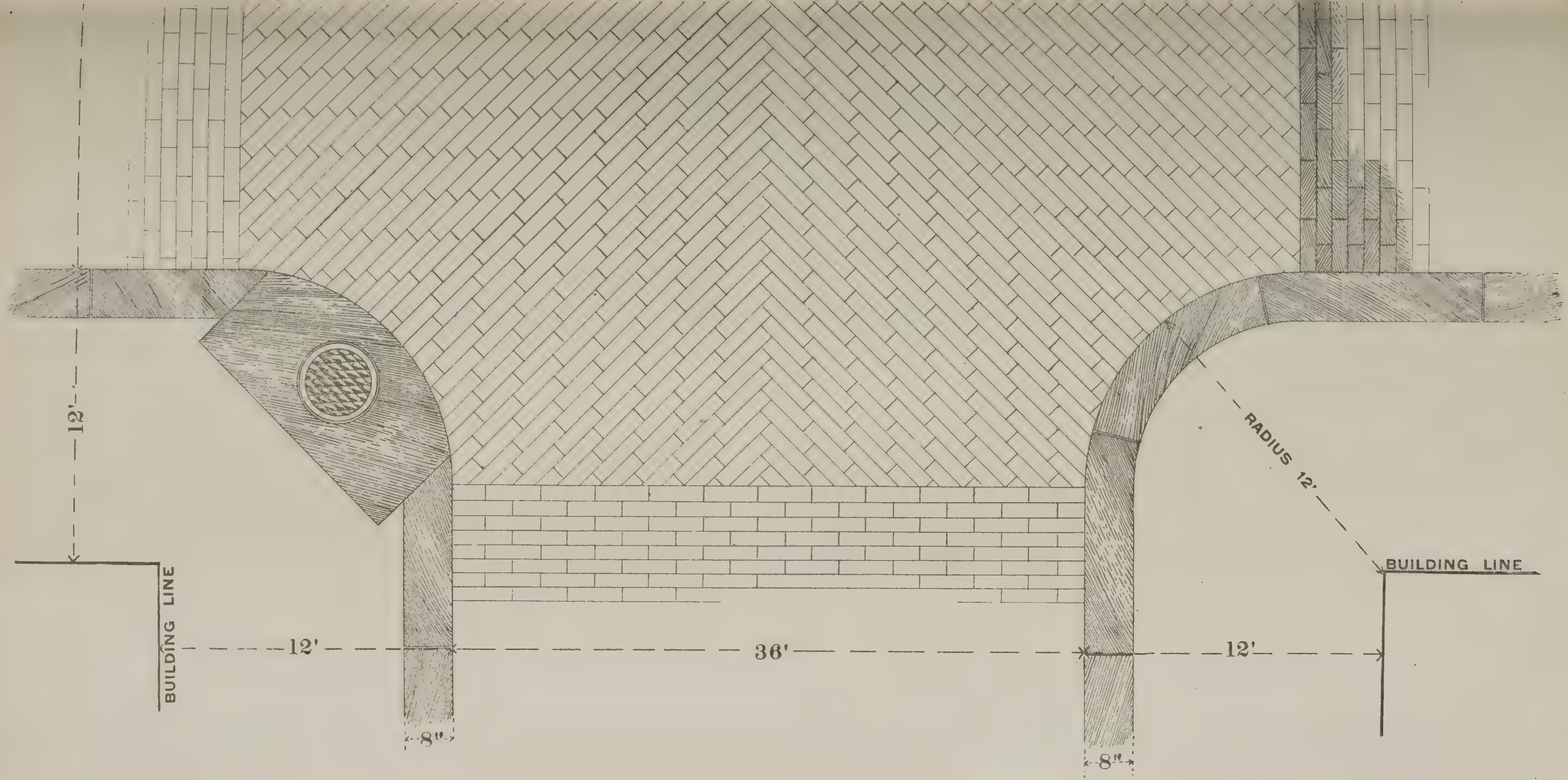

4"
3'6"
9"
12"
MACADAM

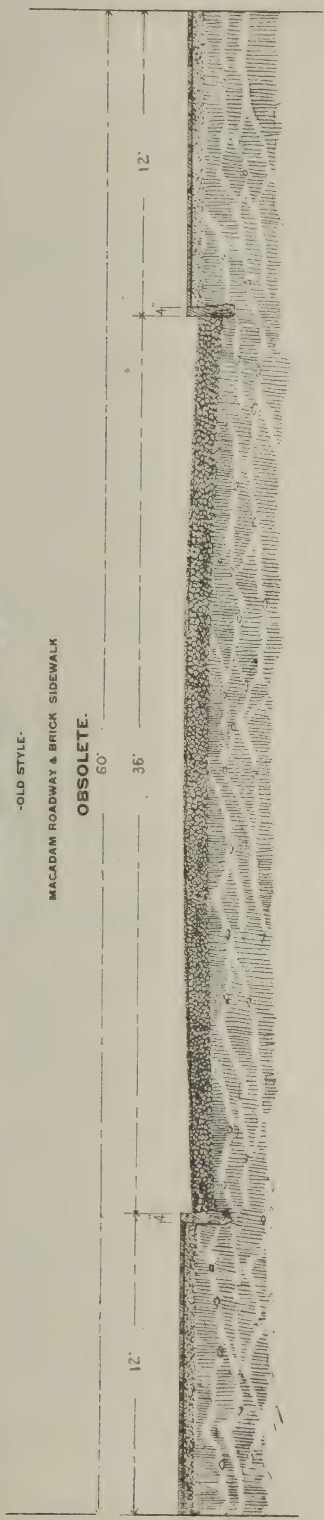
PLAN OF INTERSECTION

VITRIFIED BRICK STREET

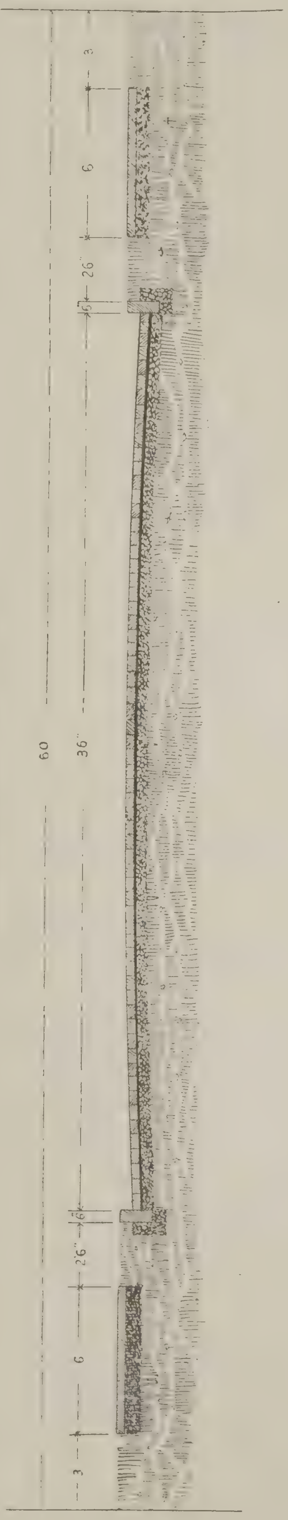
60' WIDE.


BUILDING LINE
12'
BUILDING LINE


12'
BUILDING LINE
12'
36'
12'
8"
8"
RADIUS 12'
BUILDING LINE


12'
4"
60'
36'
4"
12'

CROSS SECTION 60FT. STREET
-OLD STYLE-
MACADAM ROADWAY & BRICK SIDEWALK
OBSOLETE.


3
6
2'6"
6"
60
36"
6"
2'6"
6
3

CROSS SECTION 60FT. STREET
-NEW STYLE-
SHOWING BRICK PAVEMENT & GRANITOID SIDEWALK

ANNUAL REPORT
OF THE
ASSISTANT STREET COMMISSIONER.

OFFICE OF THE STREET COMMISSIONER,
ST. LOUIS, MO., April 24, 1896.

Hon. A. N. Milner, Street Commissioner:

SIR — I herewith respectfully submit a report of some of the field and office work performed by the employees of the Engineer and Drafting Department during the fiscal year ending April 12, 1897: —

STREET AND ALLEY OPENINGS.

Surveys were made and maps constructed, of which tracings were delivered to the City Counselor, for the opening and widening of the following streets and alleys: —

STREETS.

Ordinance 16,945. Ninth street from south line of U. S. Survey 88 to north line thereof, and from north line of U. S. Survey 87 to Neosho street.
“ 16,946. Tenth street from south line of U. S. Survey 88 to north line thereof, and from north line of U. S. Survey 87 to Neosho street.
“ 16,947. Eleventh street from south line of U. S. Survey 88 to north line thereof, and from north line of U. S. Survey 87 to Neosho street.
“ 17,345. Osage street from Broadway to Grand avenue.
“ 17,411. Virginia avenue from Chippewa street to Winnebago street, and from Cherokee street to Gravois avenue.
“ 17,712. Klemm street from Flora avenue to McRee avenue.
“ 17,715. Thurman boulevard from Magnolia avenue to McRee avenue.
“ 17,797. Chippewa street from Marine avenue to Grand avenue.
“ 18,032. Fairfax avenue from Whittier street to Pendleton avenue.
“ 18,069. King's highway from Arsenal street to Eichelberger street.
“ 18,130. Euclid avenue from St. Louis avenue to Natural Bridge road.
“ 18,211. Burd avenue from Wells avenue to Easton avenue.
“ 17,346 }
“ 18,301 } Compton avenue from Magnolia avenue southwardly to its intersection with Wilmington road.
“ 18,303. Von Versen avenue from east line of Clemens Olive street Addition eastwardly to Union boulevard.
“ 18,304. McLaran avenue from Hall's Ferry road westwardly to the city limits.
“ 18,417. Flora avenue from Grand avenue to Tower Grove avenue.
“ 18,511. Tamm avenue from Manchester avenue to the south line of Forest Park.
“ 18,528. Kennerly avenue from its present terminus west of Marcus avenue to Euclid avenue.
“ 18,529. Theodosia avenue from Union boulevard to Arlington avenue.
“ 17,714 }
“ 18,582 } Spring avenue from Magnolia avenue to Vista avenue.
“ 18,599. Columbia avenue from King's highway to west line of Clifton Heights.

ALLEYS.

Ordinance 17,719. Alley in city block No. 2971.
“ 17,981. Alley in city block No. 2060.
“ 18,419. Alley in city block No. 3775.
“ 18,425. Alley in city block No. 3796.
“ 18,426. Alley in city block No. 3797.
“ 18,427. Alley in city block No. 3798.
“ 18,428. Alley in city block No. 3799.
“ 18,429. Alley in city block No. 4513B.
“ 18,430. Alley in city block No. 4514.
“ 18,431. Alley in city block No. 4521.
“ 18,432. Alley in city block No. 4522.
“ 18,433. Alley in city block No. 4525.
“ 18,434. Alley in city block No. 4526.
“ 18,435. Alley in city block No. 4527.
“ 18,436. Alley in city block No. 4528.
“ 18,437. Alley in city block No. 4530.
“ 18,438. Alley in city block No. 4531.
“ 18,439. Alley in city block No. 4826.
“ 18,440. Alley in city block No. 4827.
“ 18,441. Alley in city block No. 4913.
“ 18,442. Alley in city block No. 4914.
“ 18,547. Alley in city block No. 4413.
“ 18,548. Alley in city block No. 4436.
“ 18,549. Alley in city block No. 4437.
“ 18,550. Alley in city block No. 4935.
“ 18,551. Alley in city block No. 4940.
“ 18,552. Alley in city block No. 4941.
“ 18,553. Alley in city block No. 4946.
“ 18,554. Alley in city block No. 4947.
“ 18,555. Alley in city block No. 4952.
“ 17,619. }
“ 18,583. } Alley in city block No. 4557.
“ 18,704. Alley in city block No. 4585.

The following maps for the widening of Broadway were constructed from actual surveys, and are all near completion and ready to be delivered to the City Counselor, viz.: —

Ordinance 17,747. Broadway from Prairie avenue to Carrie avenue.
“ 17,748. Broadway from Carrie avenue to Morin avenue.
“ 17,749. Broadway from Morin avenue to its junction with Hall's Ferry road.

Extension maps for opening of streets were made, as follows:—

Ordinance 17,964. Texas avenue south to Potomac street, north to Arsenal street.
“ 17,645. Cora avenue north half block on Natural Bridge road, south half block on Easton avenue.
“ 17,715. Thurman boulevard north to Park avenue.
“ 17,645. Cora avenue east 500 feet from North Market street to Natural Bridge road.
“ 16,948. Belt avenue east to Union boulevard, north to proposed Clemens avenue, south to Delmar boulevard.
“ 17,411. Virginia avenue north to Gravois avenue, south half block of Chippewa street.
“ 18,069. King's highway south to Gravois avenue, north to city blocks Nos. 4093 and 4094, inclusive.
“ 16,945. Ninth street north to Osceola street, south to Delor street.
“ 16,946. Tenth street north to Osceola street, south to Delor street.
“ 16,947. Eleventh street north to Osceola street, south to Delor street.
“ 18,528. Kennerly avenue east to Taylor avenue, west to King's highway.

Ordinance 18,211. Burd avenue south to Minerva avenue, and north half block north of Easton avenue.
“ 16,949. } Columbia avenue west to River des Peres.
“ 18,599. }
“ 18,303. Von Versen avenue east 100 feet of Union boulevard, west to Delmar avenue.
“ 18,032. Fairfax avenue east to Sarah street, west to Newstead avenue.

Ninety-three ordinances were prepared and sketches thereto attached for the opening and vacation of streets and alleys by recommendation of the Board of Public Improvements.

The following opening maps were entered on our office record:—

Ordinance 17,712. Klemm street from Flora avenue to McRee avenue.
“ 17,411. Virginia avenue between Chippewa street and Winnebago street, and Cherokee street and Gravois avenue.
“ 17,715. Thurman boulevard from Magnolia avenue to McRee avenue.
“ 17,719. Alley in city block No. 2971.
“ 17,346. } Compton avenue from Magnolia avenue to Wilmington road.
“ 18,301. }
“ 18,417. Flora avenue from Grand avenue to Tower Grove avenue.
“ 17,981. Alley in city block No. 2060.
“ 18,032. Fairfax avenue from Whittier street to Pendleton avenue.
“ 18,304. McLaran avenue from Hall’s Ferry road to city limits.
“ 18,211. Burd avenue from Wells avenue to Easton avenue.
“ 17,611. } Alley in city block No. 3775.
“ 18,419. }
“ 17,619. } Alley in city block No. 4557.
“ 18,583. }
“ 16,945. Ninth street from south line of U. S. Survey 88 to Neosho street.
“ 16,946. Tenth street from south line of U. S. Survey 88 to Neosho street.
“ 16,947. Eleventh street from south line of U. S. Survey 88 to Neosho street.
“ 17,345. Osage street from Broadway to Grand avenue.
“ 18,303. Von Versen avenue from east line of Clemens’ Olive street addition, to Union boulevard.
“ 18,130. Euclid avenue from St. Louis avenue to Natural Bridge road.
“ 18,069. King’s highway from Arsenal street to Eichelberger street.

GRADES.

Five grade ordinances were prepared by this Department and passed by the Municipal Assembly, establishing the grades of streets and alleys at two hundred and eight different points of intersection.

SURVEYS AND ESTIMATES OF FILLING OR DRAINING PONDS.

Surveys and levelments were made, maps constructed and estimates furnished of the cost of abating nuisances by filling or draining ponds of stagnant water, reported by the Board of Health as nuisances, on the following unimproved streets and alleys:—

STREETS.	Estimated cost of filling and draining.
Penrose street between Grand avenue and Obear	$7,500
Turner avenue between Farlin avenue and Margaretta avenue	100
Eiler street between Compton avenue and Virginia avenue	200
Compton avenue between Fassen street and Eiler street	
Minnesota avenue between Juniata street and Wyoming street	5,800
Itaska street between Minnesota avenue and Pennsylvania avenue	2,000
Sixth street between Kansas street and Malt street	2,100

Maffitt avenue between Prairie avenue and Spring avenue	$1,500
Farragut street between Blair avenue and Nineteenth street	700
West Second street north of John avenue	30
Total	$19,930

ALLEYS.

City block No. 3760	$100
" " " 1633	100
" " " 2075	500
" " " 1588	225
" " " 1581	800
" " " 2968	600
Total	$2,325

ADDITIONS AND SUBDIVISIONS.

The following twenty-one plats of additions, subdivisions and dedications submitted to the Board of Public Improvements for approval, were examined and returned with the necessary reports in reference to their conformity with the city plan, and with such other general information in relation to the surface of the grounds with reference to grade and drainage, as were deemed expedient in each case:—

Scanlon's Subdivision.
Dedication of Ninth street and Tenth street.
" of alley in city block No. 3899.
South St. Louis Suburb (amended plat).
Vista Heights.
Dedication of alley in city block No. 2994.
" of alley in city block No. 1433.
" of alley in city block No. 2633.
" of a part of Crittenden street.
M. A. Wolff Homestead.
Kingsbury place.
January Avenue widening.
Theo. Hemmelmann's Subd.
Sell's Subdivision.
Magnolia Heights.
Itaska street (dedication).
West Tower Grove.
Irma place.
Okland Place Extension.
Eberles Resubdivision.
Branconier's Addition.

GENERAL DRAFTING WORK.

Ten plats filed in the Recorder of Deeds' office were copied and entered on record in this office, and twenty record plats that were damaged by water in our office during the Tornado have been reconstructed.

The schedules of the sprinkling districts were prepared, the plats thereof corrected and posted up and ten sets of blue prints made thereof.

One hundred and nine plats and tracings were made for miscellaneous purposes, for the removal of obstructions from public streets and alleys, for the use of the City Marshal, also maps to be used in court by the City Counselor and his Associate in law suits in defense of the city, or for information of the Board of Public Improvements in relation to grades, etc., and sixty-six plats for proposed street and alley openings and widenings made and submitted to the Board of Public Improvements for consideration at public hearings.

PUBLIC HEARINGS BEFORE THE BOARD OF PUBLIC IMPROVEMENTS.

For the consideration of the proposed improvement and reconstruction of streets and alleys, comprising the 216th, 217th, 218th, 219th, 220th, 222nd, 225th and 226th Advertisements, within the fiscal year of 1896-1897, showing the extent of the contemplated work, the estimated cost of the work payable by the city of St. Louis, and the amount assessable as a special tax against the owners of the adjoining property.

IMPROVEMENT OF STREETS AND ALLEYS.

		Streets.									Alleys.						
						Cost to City.							Cost to City.				
No. of Advertisement.	Date of Hearing.	Petition or Board's Motion.	No. of Plats Furnished.	No. of Blocks.	Length of Improvement. Feet.	Grading & Cross-walks.	Excess of 25 per cent.	Total.	Cost to Property Owners.	Total Cost of Work.	No. of Blocks.	Length of Improvement. Feet.	Grading.	Excess of 25 per cent.	Total.	Cost to Property Owners.	Total Cost of Work.
216	April 20, 1896	Pet ..	3	15	8,501	$7,820	$44,757	$52,577	$56,721	$109,298	....	....	....	....	.... ..	....	....
218	June 13, 1896	Pet ..	78	133	67,343	44,364	32,305	76,669	368,050	444,719	17	10,630	$4,495	$283	$4,778	$33,495	$38,273
219	June 13, 1896	B. M.	3	3	1,084	50	445	495	9,153	9,648	2	701	100	....	100	3,584	3,684
225	January 27, 1897...	Pet ..	64	141	92,000	53,444	50,420	103,864	508,185	612,049	11	4,939	1,126	191	1,317	15,416	16,733
226	February 23, 1897..	B. M.	23	56	32,883	....	....	....	41,012	41,012	....	....	....	....	....	....	....
	Totals..........	.....	171	348	201,811 or 38.22 miles.	$105,678	$127,927	$233,605	$983,121	$1,216,726	30	16,270 or 3.08 miles.	$5,721	$474	$6,195	$52,495	$38,690

RECONSTRUCTION OF STREETS AND ALLEYS.

217	June 2, 1896	B. M.	61	118	45,381	....	$17,583	$17,583	$618,949	$636,532	27	9,180	....	....	. .....	$38,220	$38,220
220	July 1, 1896	B. M.	1	5	1,371	....	....	....	47,032	47,032	....	....	. .....	....	....	....	....
222	August 21, 1896....	B. M	1	5	....	....	....	....	7,533	7,533	....	....	....	....	......	....	....
	Totals..........	....	63	128	46,752 or 3.85 miles.	....	$17,583	$17,583	$673,514	$691,097	27	9,180 or 1.74 miles.	....	... ...	....	$38,220	$38,220
	Grand Totals ..	.....	234	476	47.07 miles.	$105,678	$145,510	$251,188	$1,656,635	$1,907,823	57	4.82 miles.	$5,721	$474	$6,195	$90,715	$96,910

Respectfully submitted,

A. RAUSCHENBACH,

Assistant Street Commissioner.

ANNUAL REPORT

OF THE

General Superintendent Repairs and Cleaning Streets.

Office of the General Supt. of Repairs and Cleaning Streets.
St. Louis, April 12th, 1897.

Hon. A. N. Milner, Street Commissioner:

Dear Sir — I have the honor to report the operations of this branch of the Street Commissioner's Department for the fiscal year ending April 12th, 1897.

The disbursements for repairs and cleaning streets during the fiscal year 1896–97 amounted to the sum of $516,542.48.

GRANITE PAVEMENT.

Total area (including railroad tracks) paved from 1869 to 1895–96 equal to 92,940 squares of 100 ft. superficial, or 45.96 miles; paved in 1896–97, equal to 2,334 squares or 1.15 miles. Total area, 95,274 squares or 47.11 miles, an average of 1.68 miles per annum during the period of 28 years. The area of granite maintained by the city equals 80,152.33 squares; maintained by street railroad companies, as provided for by ordinance, 15,121.67 squares; grand total, as above, 95,274 squares. Granite repairs in 1896–97 equaled 2,776.52 squares; cost for labor, material and work done, $3.25 per square; average cost of maintaining the total granite paved area of streets, 0.1126c per square per annum. The total mileage of granite pavements, though much disturbed by excavations incident to various improvements, are generally in good condition. There will be about 1,200 squares to reset on Broadway and Main street in 1897–98, for which work, with labor and materials and the additional repair work, approximate estimate cost, $20,000.00.

ASPHALT PAVEMENT.

This form of pavement, first put down in 1883, covers 9.03 miles, equal to 19,369 squares. The work was done under a ten years' guarantee, to be maintained after the expiration of one year at a cost of 50 cents per square per annum, payable semi-annually; 7579 squares of the original area is now maintained by the city, the contract time for same having expired. The whole area of this pavement is now in fair condition. The Barber Company are still responsible for repairs to the amount of 11,790 squares. Their maintenance contracts will expire in 1903, a period of six years. Cost of repairs in 1894–95, done by contract, $12.50 per square; the same amount of work done by the city force in 1896–97 cost $8.05 per square, or $4.45 less than by contract, the work being more satisfactory and promptly done. The amount of surface repaired equaled 7,579 squares; repairs proper equaled 987.56 squares, or 0.104 per cent of the whole surface. Approximate estimated cost for repairs on the part of city, 1897–98, $10,000.00. This form of pavement, first laid on Pine street in 1883, has been maintained, taking the entire mileage, in good condition under a mixed traffic ranging from 200 to 4,500 vehicles per day.

WOOD PAVEMENT.

Wood pavements, introduced in St. Louis and put down of oak blocks on 1½-inch pine boards by Nicolson, the patentee, gave four years and three months' service, when repairs had to be made and at the end of seven years were reconstructed on the old floor with cottonwood, burnettized, which gave seven years' service, with repairs. (Reconstructed with granite in 1884, which is now, after thirteen years' service, in good condition, having needed no repairs to date.) The wood pavements have passed through all earlier and later forms of preparing the material and executing the work. The general result has, on the whole, proved unsatisfactory with regard to resisting decay and wear, also as a sanitary pavement. Among the various kinds of wood used, sweet gum treated with chloride of zinc has given the best results. In one case a block paved with carefully selected cottonwood, burnettized, laid on inch pine boards separating strips half inch by 1½-inches high, and channels filled with hot gravel and swedged down and poured with hot pitch, wore out in seven years. The wheelway was 38 feet between curbs; grade one per cent; commercial traffic of 3,100 teams per day. The city has in use on various streets at this date, 18,759 squares, including street railroad trackage, equal to 8.35 miles. Of this mileage the following streets need to be reconstructed in 1897: Olive street (laid with white cedar blocks in 1890) has been in bad condition for 18 months, although often patched, and needs immediate reconstruction of the 732 squares, the amount from Grand avenue to Vandeventer avenue. Franklin avenue from Jefferson avenue to Compton avenue (white pine not treated). Work done in 1892, 1045 squares. Franklin avenue from Channing to Grand avenue (white pine not treated). Work done in 1892, 201 squares. A total area on Olive street and Franklin avenue of 1,978 squares, exclusive of railroad tracks. Approximate cost of reconstructing the streets, curb and concrete foundation to remain undisturbed, for wood, $31,640; for vitrified brick, $29,760.

The remaining wood paving equals 11,649 squares (exclusive of street car track space, maintained by the street car companies under ordinance) which will have to be reconstructed between 1897 and 1900, a period of three years. Approximate cost of wood, $186,384; brick, $174,735. Should brick be substituted for wood blocking, two or more inches of sand would have to be used, or additional concrete, to make up for the difference in depth between brick and the old six-inch blocks. Asphalt if adopted would require the laying of three inches additional concrete, and, for the same area (11,649 squares) is estimated to cost $244,629. To lay asphalt up to the street car rails cannot be recommended under the present manner of track construction, the tracks in many cases not being sufficiently rigid; this also applies to other forms of pavement. Under the present track conditions, 12 inches of granite at the outside of rails, when asphalt is laid, would be the best practice, as removal and repairing rail-joints would be facilitated, and repairs could be promptly made. All rails should be of sufficient depth to allow for setting the pavement and to prevent springs between bearings, with sufficient ballast under cross-ties, when used, to prevent their jumping and the paving over them from being thrown up and out of surface. There may be cases when, for special reasons, wood pavement would be desirable, regardless of cost. To maintain ten miles of wood from 1863 to 1873 cost per annum $12,275 per mile, equal to $7.37 per square of the total area for the whole time. The traffic ranged from 1,700 to 4,000 commercial teams from 6 a. m. to 7 p. m. per day. The wheelways varied from 18 to 50 feet between curb lines. The grades and drainage were excellent. After 37 years' experience with wood wheelways, laid fully in accord with the theories of inventors and improved methods of treating the blocks and doing the work suggested by careful observations under traffic and atmospheric conditions of drouth, wet, heat and cold (the thermometer ranging from 106° above to 21° below zero) this form of roadway has been found altogether unsatisfactory in St. Louis. Approximate estimate for repairs, 1897–98, $8,000.

BRICK PAVEMENT.

In 1878 a sample block was put down on Chestnut street from 3d to 4th street by private parties, and another section of a block on 2d street north from Pine street. Both were removed after about three years. Traffic on Chesnut street, 1,400 vehicles; on 2d street, 3,500 commercial teams per day. The failure was attributed to faults in the making and burning, the brick lacking uniformity in texture, toughness and hardness. These defects have been nearly, if not altogether, overcome, and the careful selection of the raw material and improved methods of manufacture have led to the adoption of this form of pavement on streets and alleys where the location and traffic conditions are favorable. In 1895–97, 5.13 miles of streets and 4.72 miles of alleys were put down, a total of

9.85 miles of wheelway. The brick streets present a handsome appearance, afford ease of traction and a safe foothold for horses, while they are not objectionable on account of noise under traffic and are easily scraped or swept by hand or machine. The traffic on the streets in the section of the city where brick is laid is a semi-commercial and residence supply trade. Approximate estimate for maintenance on part of the city for 1897–98, $2,000.00.

LIMESTONE BLOCKS STREET AND ALLEY PAVING.

This form of pavement was first put down in 1823 and used for street paving for 55 years, the last work being laid on Montrose avenue from Clark avenue to Market street in 1878, when limestone block was discontinued for street paving. There remains in use 0.84 miles. Alleys paving with limestone blocks, 85.98 miles. The total mileage is in fair condition. Alley repairs are paid for by special tax.

TELFORD PAVEMENT.

These pavements equal 61.79 miles, and under boulevard or suburban traffic, give fair results with careful cleaning and repairs. On heavy traffic business arteries they are not satisfactory, especially when the streets are occupied by single or double tracks, which tend to force an undue share of traffic to the sides of the roadway. Excessive sprinkling, damp or wet weather causes a rapid development of ruts, requiring constant cleaning and repairs. On Easton avenue, a 50-foot wheelway, from Prairie avenue to western city limits (3.56 miles) 4,887 squares were repaired, exclusive of railroad maintenance and gutter, at a cost per square per annum of 55 cents, equal to $746.00 per mile per annum; 8,458 squares were cleaned, at a cost per square per annum of 36 cents, equal to $856.00 per mile per annum. Total for repairs and cleaning, $1,602.00 per mile per annum. Cost to maintain one mile of granite, 26 feet wheelway, under a mixed and commercial traffic based on the actual work of 47 miles of roadway, 12 cents per square, equal to $164.76; cleaning three times per week, or 156 times per annum, at 34 cents per square of 10,000 square feet superficial, $742.56, or a total for repairs and cleaning of $807.32 per mile per annum, as against $1,602.00 for telford, a saving for use elsewhere, as in the case of Easton avenue, of $794.68 per mile per annum. The telford street is, in general, under heavy traffic, out of shape thirty to sixty days in the year, from unavoidable atmospheric conditions. While first-class pavements cost more than second or third-class work, they rapidly recoup the abutting and contiguous property in the increased value. The traffic on Easton avenue averages 1,500 vehicles and teams per day from 6 a. m. to 7 p. m. As there are no through parallel street or avenues, the traffic on Easton avenue will continue to concentrate and increase in volume from year to year, requiring a first-class pavement to permit its free movement.

Manchester avenue from Grand to Chouteau avenue and Old Manchester road from Chouteau to Park avenue are in the same class as Easton avenue, being leading thoroughfares with no parallel avenues to relieve the general traffic. This avenue from Grand avenue to Chouteau avenue, .75 of a mile, cost for cleaning and repairs in 1895–7, a period of two years, an average of $1,900.00 per mile per annum. The traffic averages 1800 vehicles per day of 12 hours, and is principally of a heavy commercial and manufacturing character. The roadway is 36 feet wide and has double street car tracks. This roadway should be reconstructed with a granite block pavement, as under present conditions it is out of shape from 30 to 60 days during the winter and rainy weather. To keep in fair repair it will cost $2,500.00 per mile per annum, and still be unsatisfactory.

MACADAM PAVEMENT.

The city has now 266.19 miles of macadam wheelways. This form of road covering has been in general use since 1832, when first laid on Second street from Walnut street, and under the conditions, gave fair service; and now, when placed on streets carrying a light mixed traffic of from 200 to 400 vehicles per day, will give fair results and great relief on many suburban roads for a decade or more, where at present it is almost impossible to get about in the winter or spring months. The cost of maintaining macadam has varied from a nominal sum to $8.44 per square of 100 feet superficial, in 1875 on Main street between Plum and Poplar streets, on a 25.5 foot wheelway, carrying at the time a strictly commercial tonnage of 2,300 teams per day of 12 hours. Broadway, 5,100 teams per day at O'Fallon in the same year cost $7.40 per square, exclusive of cleaning on a 50-foot wheelway with double street car tracks. Reconstructed in 1888 with granite, the work is in good condition. Present traffic, 6,000 teams per day.

CURBS AND GUTTERS.

The old limestone curbs and gutters are badly worn, the stones split and fractured. Their destruction is largely due to failure to withstand wet and frost, the conditions in water and gutter drains being of the most trying character. During 1896-97 the old limestone gutters on Lindell boulevard from Grand to Vandeventer avenue have been reconstructed with vitrified brick, which looks well, gives a perfect sanitary drainage and promises, from present indications, excellent results. Also for crosswalks promises to prove superior to the old limestone cross-walks, being smooth, sightly and easily cleaned.

CLEANING PAVED STREETS BY CONTRACT.

Granite, 47.11 miles; asphalt, 9.03 miles; brick, 5.13 miles; wood, 8.35 miles; limestone blocks, 0.84 miles; total, 70.46 miles. Expended, $71,323.15. Cost per mile per annum, $1,012.23, a reduction in cost for 1895-96 of $54.08 per mile. Total dirt, debris, snow and ice removed closely approximated 126,000 cubic yards. Cost of removal per cubic yard, 57 cents, including tornado debris of May 27th.

CLEANING UNDER BLOCK PATROL SYSTEM.

Introduced in 1896. Streets and avenues patroled, bounded by Spruce street south, Franklin avenue north, Third street east and 12th street west; 6 lin. miles. Expended, $24,815.75 on 103 blocks. Average cost per lin. mile per annum, $4,138.92. This method of cleaning is very satisfactory and the system should be extended to cover at least double the present mileage.

The contract system of street cleaning is not satisfactory. Experience has fully demonstrated that the work should be done by direct labor to secure the best results, the city owning and controlling its own cleaning plant, the block system being supplementary and working in conjunction with the cleaning system.

CLEANING MACADAM AND TELFORD.

Expended, $134,759.49. Macadam, 266.19 miles 11. Telford, 61.79 miles 11. Improved telford, 1.71 miles 11. Total, 329.69 miles. Average cost per mile per annum, $409.00. Street and alley cleanings removed, 196,585 loads, at an average cost of $0.685 per load. In the cleaning is included the wreckage thrown on to the streets and alleys by the tornado of May 27th, 1896, which covered a territory stricken with special severity, bounded north by Olive street, south by Lynch street, west by Tower Grove avenue and east by the river, a total area of six square miles. The streets and avenues blocked and partially obstructed by the wreckage of buildings, electric, telephone and telegraph wires, approximated 85 miles. The greatest danger and difficulty in clearing the wheelways resulted from the destruction of electric systems. The energies of the Department were first directed to clearing the wheelways of debris, in view of the danger in case of fire after the general wreck, so that the Fire Department would not be impeded. The mass of the obstructions were moved to the sides of the streets, fallen trees cut and rolled to one side and the sidewalks, as far as possible, opened; so that, within 36 hours after the storm the principal thoroughfares were made passable and the central part of the city roughly cleaned of obstructions to traffic. The tornado was so wide-spread and destructive as to reach the magnitude of a public calamity. One hundred and thirty-seven lives were crushed out or died from injuries received. Three hundred and twenty buildings were totally destroyed, 6,680 wrecked and partially injured. Amongst this wreck were 13 churches, many totally destroyed, 22 public school buildings, approximating a loss on 7,000 buildings, public and private, of $6,000,000. On personal, transportation, manufacturing and electric properties of $2,800,000, within a space of 30 minutes. To clean the public streets and alleys of this vast volume of wreckage cost the Street Department, south from Carroll street, $17,800, and from Carroll street north, $23,000, a total of $41,100, the work being done out of the regular appropriation. Taking from the regular appropriation so large a sum for storm work prevented much of the cleaning needed in other parts of the city from being done satisfactorily.

UNIMPROVED EARTH ROADS.

In 1st District,	193.76 miles.	Alleys,	85.56 miles.
In 2d District,	215.37 "	"	91.42 "
In 3d District,	58.45 "	"	27.85 "
Total,	467.58 "	"	204.83 "

During the rainy season in spring and fall these roads under even a moderate traffic become quagmires. Still there are between eight and nine months in the year that, with an average of $40 to $50 per mile spent in ditching, cross-draining and shaping, could be materially benefited and made to afford pleasant drives and approaches to places not yet within reach of permanent improvements. This would require, at an average of $4 per mile the sum of $18,680. In connection with the treatment of dirt and unimproved streets and roads, the question of surface drainage is one of pressing importance. Many roads lay in the line of ponds and sink-holes that sometimes render them impassable, and some of them impassable all the time. This condition can be remedied at a moderate expense for their relief from accumulation of storm water during the prevalence of rains. In many cases this water formerly found its way to the river by means that the march of improvements have cut off before the sewers have or can give the needed relief. The territory from Easton avenue to North Market street and from Burd to Goodfellow avenue is a case in point — six city blocks with many improvements. In this space there are nine ponds and the water backs up and across the streets and alleys and into the cellars. To drain these ponds as far as practicable and clear the streets from storm water and incidentally relieve the overflowed lots abutting will take in this case about $1,500. In case the sewers cannot reach the point indicated at an early day, this work should be done before the fall rains.

THE BICYCLE.

The introduction of the bicycle as a factor in the life of to-day has emphasized the cry for good roads. This Department is fully in accord with the wheelmen, but it must be kept in mind that street improvements must be vigorously pushed, not only for this year but a series of years, before the relief sought from bad streets, avenues and roads can be realized.

STREET RAILWAYS.

Cable roads, 33.83 miles. Electric, 265.48 miles. Authorized, 41.87 miles. In operation, under eight systems, 299.31 miles. Total in operation and authorized, 311.18 miles. The roads during the year have been fairly maintained as to the repairs for which they are chargeable under ordinance. The trouble in many cases, outside of Grand avenue, with the roads, is that they do not keep the track between the rails and for a foot outside of same promptly repaired. In fact, the roads will never become satisfactory until paved between the rails and between their double tracks throughout their entire mileage, and the introduction of the grooved rail, at least throughout the paved section of the city. This would permit better cleaning and smoother streets, leaving the roadway practically open to the free movement of vehicles in any direction.

Respectfully submitted,

THOS. H. MACKLIND,
Engineer and General Superintendent,
Repairs and Cleaning.

MILEAGE OF IMPROVED AND UNIMPROVED STREETS AND ALLEYS, APRIL 1ST, 1897.

	STREETS.										ALLEYS.				
		Wood.													
	Macadam.	Wooden Block Treated on Concrete Base.	Pine Wood not Treated on Concrete Base.	Cedar Blocks on Concrete Base.	Limestone Blocks.	Granite Blocks.	Asphaltum.	Telford.	Improved Telford.	Brick.	Limestone Blocks.	Granite Blocks.	Artificial Stone Flagging.	Asphaltum.	Brick.
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
Length of streets and alleys, April 1st, 1897	266.19	5.26	1.04	2.05	0.84	47.11	9.03	61 79	1.71	5.13	85.98	6.91	0.75	0.03	4.72
Divided as follows:															
1st Superintendent's District	82 19	.....	.....	.....	.....	1.57	.....	18 31	1.71	5.13	15.50	.....	0.07	.....	0.33
2d " "	107.18	5.26	1.04	2 05	0.84	39 12	8.05	37 29	.....	.....	42.11	6.78	0.68	0 03	3.48
3d " "	76 82	.....	.....	.....	.....	6.42	0 98	6 19	.....	.....	28.37	0.13	.....	.....	0.91
Total as above	266.19	5 26	1.04	2.05	0.84	47.11	9 03	61.79	1.71	5.13	85.98	6 91	0.75	0.03	4.72

	Streets, Miles.	Alleys, Miles.
Reported April 1st, 1896	865.19	298.72
Added: By Additions and Sub-divisions	0 70	2 81
By Ordinances.	2 19	2.25
Total length of streets and alleys, April 1, 1897	868.08	303.78
Vacated by Ordinances	0.35	0.56
Actual length of streets and alleys, April 1, 1897	867.73	303.22
Of which are:		
Improved streets and alleys.	400 15	98.39
Unimproved streets and alleys	467 58	204.83

	Streets Miles.	Alleys Miles.
Macadam	266.19	....
Wood	8.35	....
Limestone Blocks	0.84	85.98
Granite Blocks	47 11	6.91
Asphaltum	9.03	0 03
Telford	61.79	....
Improved Telford	1.71	....
Brick	5.13	4.72
Art. Stone Flagging	....	0.75
Total	400.15	98.39

	Miles.
Unimproved Streets:	
1st Superintendent's District	193 76
2d " "	215 37
3d " "	58.45
Total	467.58
Unimproved Alleys:	
1st Superintendent's District	85.56
2d " "	91 42
3d " "	27.85
Total	204.83

FISCAL YEAR 1896-1897.

Streets Reconstructed.	1.65 miles	Alleys Reconstructed	0.65 miles
Streets Newly Improved	14.06 miles	Alleys Newly Improved	1.77 miles

FIRST DISTRICT.

	MACADAM.						GRAVEL.				
	Districts.					Total Squares.	Screened.		Gray Cement.	Red.	Total Squares.
	1st.	11th.	1st W. H.	2d W. H.	3d W. H.		1st.	2d.			
April	161.50		34.00	238 50		534.00	246 84		310 82	289.75	847.41
May	115.00		294.76	341 50	88.50	839.76	181.90	117.50	301 00	230 25	830.65
June	8.00			409.50	63.50	481.00	78.46		159 50	122.34	360.30
July											
August		30.00		385.22		415.22			59 84		59 84
September		141.00	51.50	526.18		718.68	220 34		241 92		462.26
October		42.44		715.00		757.44	239 30		226 96		466 26
November		11.00	4.00	470.40		485.40	113 30	28 00	121 18		262.48
December				115.00		115.00					
January				16 50		16 50					
February				126 50		126 50					
March		97.08	12 50	76.00		185 58					
Total	284 50	321.52	396.76	3,520.30	152 00	4,675 08	1,080 14	145.50	1,421 22	642.34	3,289.20

SECOND DISTRICT.

	MACADAM.						GRAVEL.						
	District.					Total Squares.	Screened.				Gray Cement.	Red.	Total Squares.
	3rd.	4th.	9th.	10th.	3rd W. H.		3d.	4th.	5th.	7th.			
April	210 88	384 82	51.46	....	204.82	851.98	611 23	....	....	....	396.20	15 50	1,022 93
May	305 46	220.50	412.32	....	69.99	1,008.27	504 49	71 81	....	....	927.95	166.52	1,670.77
June	187.44	33 34	238.10	....	6.46	465.34	98.59	436 67	....	....	916 00	106 20	1,557 46
July	....	....	....	144 78	20.40	165.18	277.91	....	....	....	202.08	24 88	504 87
August	....	....	....	363.54	168.33	531.87	222 40	232 46	16 50	....	387.10	19 54	978 00
September	....	16.86	22.30	65.06	64.00	168.22	34.00	181 52	410.02	....	360.20	....	985 74
October	....	157.94	160 63	2.42	155.12	476.11	11.00	208 50	505.67	40 50	135.26	....	900 93
November	....	....	99 10	118.28	169.78	387.16	25 00	67.62	189.40	32.00	....	19 30	333 32
December	....	....	21.00	....	35.52	56.52	....	....	....	....	....	....	....
January	....	11 00	8 67	....	....	19.67	....	....	....	....	....	....	....
February	....	10 00	59 00	12 00	....	81.00	....	....	....	....	....	....	....
March	....	34.92	33.50	466.88	186.39	721.69	....	....	....	....	....	....	....
Total	703.78	869.38	1,106.08	1,172.96	1,080 81	4,933.01	1,784 62	1,298 58	1,121 59	72.50	3,324 79	351 94	7,954 02

THIRD DISTRICT.

	MACADAM.						GRAVEL.			
	Districts.					Total Squares.	Screened 6th.	Gray Cement.	Red.	Total Squares.
	5th.	6th.	7th.	8th.	12th.					
April	244.50	249.00	220.00	273 50	....	987 00	171 50	....	381 00	552 50
May	325.00	246 50	277 00	275 00	74 50	1,198 00	107 50	....	552.90	660.40
June	178.50	227.50	193 00	297 00	....	896 00	250 50	....	404.00	654.50
July	205.00	269.00	219.00	8.00	....	701.50	29.00	71.00	313 00	413.00
August	140 00	154.00	127.50	....	....	421.50	25 00	23 00	256.50	304.50
September	140.50	17.50	89.50	47 50	....	295.00	236.50	138 50	110 00	485.00
October	17.00	41.00	124 00	8.00	....	190 00	375 50	....	....	375 50
November	34.50	....	95 50	29 50	26 00	185.50	244 50	....	39.00	283.50
December	12.50	10.50	9 50	9.00	....	41.50	....	....	....	....
January	....	7.50	25 50	....	3 50	36.50	....	....	....	....
February	9.50	10.00	15.00	....	6.00	40.50	....	....	....	....
March	55 50	77.50	78 50	....	....	211 50	....	....	....	....
Total	1,362 50	1,310 50	1,474 00	947.50	110 00	5,204 50	1,440.00	232.50	2,056.40	3,728.90

GENERAL REPORT RECONSTRUCTED STREETS.

GRANITE, ASPHALT AND WOOD.

General Appropriation, April 1st, 1896, to March 31st, 1897	$27,000 00
Received and Expended from plumbers, etc	4,142 52
	$31,142 52
Expended for Repairs and Excavations	$31,132 69
Balance in Treasury	$9 83

REPORT OF WOOD REPAIRS.

	Wood Blocks.	Loads of Sand.	Repav'g sq. ft.
Chestnut street	575	5½	1,621
Olive street	2,065	9¼	2,137
Lucas avenue	1,260	10	4,000
Franklin avenue	79,820	179	43,050
Court House	13,694	102	29,008
Seventeenth street	3,888	8	2,050
Clark avenue	3,128	5¼	1,475
Washington avenue	5,800	8	2,090
Grand avenue	12,000	24	6,710
Total	122,230	351	92,141

Total squares of wood maintained by City, 616,354 square feet.

Actual cost of 92,141 sq. ft., labor and material	$5,850 95
Average cost per 100 sq. ft., labor and material	6 35
" " " 100 " maintenance	94
" " " 100 " with new blocks	13 91

REPORT OF ASPHALT REPAIRS.

RECONSTRUCTED STREETS.

Pine street	43,923.50 sq. ft.
Locust street	51,722.70 "
Cardinal avenue	255.44 "
Beaumont street	363.95 "
Ewing avenue	682.33 "
Leffingwell avenue	1,239.70 "
Garrison avenue	548.24 "
Leonard avenue	50.14 "
Total	98,756.00 sq. ft.

Total sq. ft. done by the City, 98,756. Cost	$7,957 36
Material on hand	965 16
Money expended out of appropriation for asphalt repairs	$8,922 52

Number of square feet maintained by the City, 757,909.

Average cost per 100 sq. ft., labor and material	$ 8 05
" " " 100 " maintenance	1 04
Amount saved by City, repairing asphalt streets	4,454 64

Repaired by contractors on maintained streets, 185,000 sq. ft.

REPORT OF GRANITE REPAIRS.

RECONSTRUCTED STREETS.

	Number of Granite Blocks.	Barrels of Cement.	Concrete, Square Feet.	Macadam, Cubic Feet.	Curb.	Loads of Sand.	Labor and Material.	Repaving, Square Feet.
Excavations	103	177	10,064	6,774	10	144	$4,142 52	12,636
Eighteenth st.	220	¼	......	......	......	19	....	4,139
Fourteenth st.	45	......	......	......	......	10	....	2,926
Tenth st.	35	½	......	......	......	6	....	2,975
Ninth st.	10	......	......	......	......	9	....	2,399
Eighth st.	202	......	......	......	......	37	....	10,508
Seventh st.	327	......	20	15	9	33	....	11,507
Sixth st.	......	......	......	......	......	5	....	1,650
Broadway	82	......	......	......	......	51¾	....	25,811
Fourth st.	192	......	......	......	......	66½	....	23,594
Third st.	177	5	222	148	......	33	....	8,138
Second st.	127	4	141	93	15	31¾	....	8,002
First st.	963	......	......	......	......	68¾	....	27,916
Commercial st.	513	......	......	......	19	38½	....	14,419
Carr st.	10	......	......	......	......	6½	....	2,750
Lewis st.	......	......	......	......	......	½	....	216
Cass av	......	......	......	......	......	1½	....	310
Franklin av	50	6¾	58	38	24	8½	....	2,756
Morgan st.	......	......	......	......	......	7¼	....	3,504
Lucas av	108	1½	57	20	......	19¼	....	6,048
Washington av	691	9½	453	300	75	71	....	27,913
St. Charles st.	230	......	......	......	......	44	....	13,984
Vine st.	70	......	......	......	......	10	....	2,820
Locust st.	460	4	51	28	6	83¼	....	21,649
Olive st.	198	4	192	104	10	30	....	6,036
Pine st.	119	11	25	16	21	24½	....	7,126
Chestnut st.	22	......	......	......	12	8½	....	2,711
Market st.	185	......	......	......	......	45½	....	9,994
Walnut st.	10	½	49	32	......	7½	....	2.901
Elm st.	13	......	30	20	15	½	....	221
Clark av	75	......	......	......	......	12½	....	3,878
Spruce st.	87	2¼	150	100	10	36	....	10,168
Valentine st.	35	......	......	......	42	2	....	1,209
Plum st.	28	......	......	......	......	6½	....	1,990
Cedar st.	......	3	......	......	......	2	....	785
Gratiot st.	......	......	......	......	20	2½	....	760
Chouteau av	......	¾	24	12	12	10½	....	2,556
Rutger st.	10	......	......	......	......	½	....	1,383
Total	5,284	53	1,472	926	290	850	$12,216 70	277,652

Miles of granite streets and alleys	.52
Total square feet of granite streets, April 1st, 1897	83,660.02
Expended out of appropriation for granite repairs	$11,766 70
Material on hand	450 00
	$12,216 70
Expended for tools, repairs and material	825 25
Actual cost of 277,652 square feet	11,766 70
Average cost per 100 square feet maintenance	14
Granite blocks on hand April 1st, 1896	2,704
Granite blocks received — miscellaneous	13,312
Granite blocks expended to April 1st, 1897	5,387
Granite blocks on hand	10,629

Office of the Bridge Engineer,
St. Louis, April 13th, 1897.

Hon. A. N. Milner, Street Commissioner:

Sir — I beg leave to submit the following statement of the work done on street bridges and culverts during the fiscal year 1896-97:—

The bridge at the intersection of Florissant and Goodfellow avenues was replaced by a circular brick culvert, 12 feet in diameter and 100 feet long, with end walls of concrete, at a cost of $4,000.00. A new cedar block pavement on cypress planking was laid on the 21st street bridge, at a cost of $5,500.00, and an ordinance appropriating $3,500.00 for repaving the roadway of the East Jefferson avenue bridge has passed the Assembly. A number of smaller bridges were built by our repair force, at an average cost of $500.00 each.

Considerable work was done on the 12th street bridge; a portion of the old iron work had to be rebuilt and the work will have to be continued in the new fiscal year. New foundation piers with stronger anchorage have been built under the bents of the West Jefferson avenue foot bridge. It has been found advisable to raise a number of bridges over the River Des Peres, to avoid damage by floods, and so far Sulphur avenue bridge has been raised three feet and Morgan Ford road bridge two feet.

Although the 21st street bridge was open to traffic in 1892, the approaches are still unfinished and in wet weather the bridge is of little use. The damage suits still drag their weary lengths through the courts.

In spite of some work done three years ago on the Chouteau avenue bridge west of Grand avenue by the St. L. & S. F. Ry. Co., under direction of this department, the bridge is in anything but a satisfactory condition, and the work of replacing it by a stronger and wider bridge should not be delayed much longer.

The work of repairing the damage done by the tornado of May 27th, 1896, to the iron railing and the rustic bridges of Lafayette Park was put in charge of this Department, under the direction of the Commissioners of Lafayette Park, and under the special appropriation of $10,000.00 allowed by the city to the park. This work included the designing and building of an ornamental arch bridge, with granitoid walk.

The office work consisted chiefly in designs for new viaducts on Clark avenue and on King's highway, and changes in existing bridges and culverts.

Respectfully submitted,

CARL GAYLOR,

First Deputy Street Commissioner in charge of bridges and culverts.

OFFICE OF THE STREET COMMISSIONER,
ST. LOUIS, April 13th, 1897.

Hon. A. N. Milner, Street Commissioner:

SIR — I have the honor to submit the following report of the operations of the special tax repairs division of your department, for the fiscal year ending April 12th, 1897:—

OFFICIAL NOTICES SENT TO PROPERTY OWNERS OR THEIR AGENTS.

To repair sidewalks with brick — 1st District	465
To repair sidewalks with brick — 2d District	452
To repair sidewalks with brick — 3d District	610
To repair sidewalks with artificial stone flagging	83
To repair alleys	394
To contractors to repair brick sidewalks	600
Permits issued to construct new granitoid sidewalks	231

ARTIFICIAL STONE FLAGGING.

Sidewalks of artificial stone flagging have been laid as follows:—

By property owners	171,245	sq. ft.
By contractors	314,927	"

This is over 81,000 lineal feet, or more than fifteen miles of granitoid sidewalks laid during the year, which is an unusually creditable showing.

New sidewalk pavements of artificial stone flagging have been laid as follows, under special ordinances:—

On Illinois avenue between Miami and Cherokee streets	2,758	sq. ft.
On Indiana avenue between Cherokee and Wyoming street	5,454	"
On Indiana avenue between Arsenal and Pestalozzi streets	318	"
On St. Vincent avenue between Louisiana and Theresa avenue.	5,250	"
On Geyer avenue between Jefferson and California avenues	4,233	"
On Jefferson avenue between Lynch and Arsenal streets	7,865	"
On Lincoln avenue between Warne avenue and Sarah street	8,408	"
On Lincoln avenue between Spring and Prairie avenues	6,421	"
On Florissant avenue between Warne and Athlone avenues	20,950	"
On Goode avenue between Easton and Kennerly avenues	16,500	"
On Garfield avenue between Spring and Prairie avenues	5,251	"
On Kensington avenue between King's highway boulevard and Clarendon avenue	20,755	"
On Maryland avenue between Boyle and Euclid avenues	30,315	"
On Alice avenue between Florissant and Algernon avenues	7,258	"
On Alice avenue between Algernon and Warne avenues	1,256	"
On Algernon avenue between Warne and Adelaide avenues	3,071	"
On Finney avenue between Pendleton and Taylor avenues	7,160	"
On Evans avenue between Vandeventer av. and Sarah street	17,728	"
On Cote Brilliante avenue between Marcus and Euclid avs	17,687	"
On St. Alphonsus street between Bell and Finney avenues	5,728	"
On Warne avenue between Algernon avenue and Conde street.	6,665	"
On La Salle street between Montrose and Cardinal avenues	4,210	"
On Westminster place between Whittier st. and Boyle avenue.	2,219	"
On Westminster place between Sarah and Whittier streets	1,901	"
On Boyle avenue between McPherson av. and Olive street	1,892	"
On West Pine boul. between Euclid av. and King's highway	10,602	"
On Pennsylvania avenue between Geyer and Lafayette avs	3,925	"
On Barrett street from Grand avenue east	720	"
On Louisiana avenue between Geyer and Lafayette avenues	1,090	"
On College avenue between Carter and Florissant avenues	7,245	"
On Ann avenue between Ohio and California avenues	6,676	"
On Vista avenue between Compton and Virginia avenues	3,185	"
On Dickson st. between Twenty-first and Twenty-second sts	960	"

On Wyoming street between Wisconson and Jefferson avenues	7,733	sq. ft.
On Wyoming street between Wisconsin and Lemp avenues...	1,870	"
On Evans avenue between Whittier st. and Pendleton avenue.	1,893	"
On Magazine street between Webster avenue and Bacon street	2,098	"
On Easton avenue between Kings' highway and Burd avenue.	15,500	"
On Compton avenue between Chouteau and Manchester avs...	22,086	"
On 13th street and Clark avenue, around New City Hall.......	11,646	"
Total..	308,482	sq. ft.

Also the following, not measured up:—

On Page boulevard, between Whittier street and Pendleton avenue.
On Cherokee street between California and Nebraska avenues.
On California avenue between Cherokee and Utah streets.
On Page boulevard between Vandeventer avenue and Sarah street.
On Page boulevard between Sarah and Whittier streets.

New brick sidewalks have been laid under special ordinances, as follows:—

On Lasalle street between Cardinal and Compton avenues........	202	sq. yds.
On North Market street between Elliot and Jefferson avenues....	111	"
On 23d street between St. Louis av. and Montgomery street.....	107	"
On Provenchere place between Lemp and Illinois avenues........	245	"
On Hempstead street between Broadway and Ninth street.......	327	"
Total..	992	sq. yds.

The following alleys, which are paved with limestone blocks, have been repaired to a greater or less extent during the year, as their condition demanded:—

Block No.	Running from:	Located between:
1033	Compton av. to School street........	Easton av. and School st.
1053	Channing to Theresa av..............	Morgan st. and Franklin av.
951	19th to 20th st.......................	Wash and Carr sts.
604	8th to 9th st..........................	Cass av. and Mallanphy st.
603	9th to 10th st	Cass av. and Mullanphy st.
1892	Montgomery to N. Market st	Grand av. and Bacon st.
41	Plum to Cedar st	1st and 2d streets.
3747	Grand to Vandeventer av............	Finney av. and Windsor pl.
925	Jefferson av. to Beaumont st.........	Market and Chestnut sts.
922	23d st. to Jefferson av...............	Pine and Chestnuts.
3752	Vandeventer av. to Sarah st..........	Delmar and Washington bouls.
206	Walnut to e. & w. alley.......... ...	11th and 12th sts.
2206	Theresa av. west to n. & s. alley......	Manchester and Clark avs.
265	Franklin av. to Wash st..............	11th and 12th sts.
1955	Channing to Theresa av.......	Pine st. and Lindell av.
341	Benton to N. Market st....	9th and 10th sts.
634	Benton to N. Market st..............	13th and 14th sts.
1166	Farrar and Salisbury st..............	20th and 21st sts.
1699	21st to 22d st..........................	Walnut and Eugenia sts.
2358	Montgomery to Benton st......	Garrison av. and Slattery st.
971	Jefferson to Elliot av.................	Dickson and Dayton sts.
972	Jefferson to Elliot av...........	Thomas and Dickson sts.
973	Jefferson to Elliot av.......	Thomas st. and Sheridan av.
974	Elliot to Leffingwell av...............	Thomas st. and Sheridan av.
976	Elliot to Leffingwell av...............	Dickson and Dayton sts.
1056	Channing to Theresa av..............	Locust st. to Washington av.
210	15th to 16th st........................	Market and Walnut sts.
927	Jefferson av. to Beaumont st.........	Pine and Olive sts.
929	Jefferson av. to Beaumont st.........	Locust st. and Washington av.
557	O'Fallon to Biddle st................	6th and 7th sts.

Block No.	Running from:	Located between:
634	13th to 14th st	Benton and N. Market sts.
975	Elliot to Leffingwell av	Dickson and Thomas sts.
1723	Jefferson to Beaumont st	Walnut st. and Clark av.
913	21st to 22d st	Chestnut and Market sts.
1019	Garrison to Cardinal av	Pine and Chestnut sts.
561	O'Fallon and Biddle st	10th and 11th sts.
556	O'Fallon to Biddle st	Broadway to 6th st.
577	O'Fallon st. to Cass av	10th and 11th sts.
586	9th to 10th st	O'Fallon st. and Cass av.
587	10th to 11th st	O'Fallon st. and Cass av.
605	7th to 8th st	Cass av. and Mullanphy st.
1852	Glasgow to Garrison av	Sheridan and Cass avs.
1856	Garrison to Webster av	Madison and Magazine sts.
1109	15th to 19th st	North Market and Benton sts.
363	11th to 12th st	Chambers and Madison sts.
1882	Grand to Spring av	Cass av. and Cozzens st.
588	11th to 12th st	O'Fallon st. and Cass av.
1028	Garrison to Webster av	Easton av. and Dickson st.
577	Cass av. to O'Fallon st	10th and 11th sts.
2442	Bissell to Ferry st	14th st. and Blair av.
2354	Madison to N. Market st	Elliot and Leffingwell avs.
1561	Cherokee to Potomac st.	Jefferson and Indiana avs.
2152	California to Nebraska av	Eads and St. Vincent avs.
890	9th to 13th st	Arsenal and Wyoming sts.
2129	Pennsylvania to Nebraska av	Lafayette av. and Henrietta st.
1315	California to Ohio av	Russell and Allen avs.
1403	McNair to Gravois av	Sidney and Victor sts.
468	9th st. to N. & S. alley	Lasalle and Hickory sts.
2147	Jefferson to Ohio av	Park and St. Vincent avs.
1420	Lynch to Pestalozzi st	Jefferson and Indiana avs.
1094	22d to 23d st	Benton and Warren sts.
1086	23d to 25th st	St. Louis av. and University st.
1069	Parnell st. to Jefferson av	St. Louis av. and University st.
1077	25th to Parnell st	St. Louis av. and University st.
1902	Elliot to Leffingwell av	St. Louis av. and University st.
1859	Francis to Grand av	Cozens and Evans avs.

BRICK SIDEWALK REPAIRS.

The brick sidewalks repaired by the property owners, after due notice from this department, and by the city contractor where the former have failed to respond to such notices, aggregated as follows:—

First District	9,861 sq. yds.
Second District	12,700 "
Third District	23,499 "
Total	46,060 sq. yds.

Seventeen hundred police reports on defective sidewalks and alleys were received, investigated and duly attended to.

Five hundred letters on miscellaneous subjects pertaining to this branch of your department were received and answered.

Respectfully submitted,

ALLEN TRAIL,

In Charge Special Tax Repairs.

EXCAVATING DEPARTMENT,
ST. LOUIS, April 13th, 1897.

Hon. A. N. Milner, Street Commissioner:

SIR — I respectfully submit the following as my annual report for the fiscal year ending April 12th, 1897:—

During the year I issued 7,065 permits for streets, alleys and sidewalk excavations.

A daily list of the macadam and limestone street and alley permits has been issued to the district superintendents, who see that the streets and alleys are replaced in good condition.

I also issued 7 permits for erecting 27 guy posts or dead men.

$2,118.18 has been collected and expended in refilling trenches, where the work was improperly done by the plumbers, or for replacing the granite, wood block, asphaltum and brick streets or alleys, where the connections or repairs of plumbing were made.

$4,187.80 has been collected for inspection services, for excavations made in reconstructed streets and alleys, granite, wood block, asphalt, telford, brick, or in other than macadamized streets or alleys, in accordance with the provisions of the revised ordinances of 1892.

At the beginning of the fiscal year, the following deposits were on hand in this department, viz.: 281 of $25.00 each, 16 of $50.00 each, 2 of $100.00 each, 1 of $125.00, 2 of $150 each, 1 of $175.00, 4 of $200.00 each, 2 of $225 each, 1 of $207.00, 10 of $290.00 each, 3 of $300.00 each, 4 of $330.00 each, 1 of $350.00, 3 of $500.00 each, 1 of $800.00, 3 of $600.00 each, 4 of $1,000.00 each, 1 of $1,050.00, 1 of $1,325.00, 1 of $2,000.00, 1 of $2,050.00, 1 of $2,575.00.

During the year the following new deposits were made, viz.: 54 of $25.00 each, 8 of $50.00 each, 1 of $100.00, 1 of $150.00, 1 of $175.00, 1 of $207.00, 1 of $250.00, 10 of $290.00 each, 2 of $300.00 each, 4 of $330.00 each, 1 of $350.00, 1 of $600.00, 1 of $1,050.00, 1 of $1,325.00, 1 of $2,000.00, 1 of $2,050.00, 1 of $2,575.00.

During the year the following deposits were withdrawn: 44 of $25.00 each, 3 of $50.00 each, 2 of $250.00 each, 1 of $1,000.00.

There were 1,702 letters sent during the year to different plumbers and the Laclede Gas Light Company, notifying them to make good their deposits with the City Treasurer, and duplicate letters sent to the Auditor and Comptroller asking for transfer of credits to fund.

Respectfully submitted,

JOHN B. OWEN,
Supt. of Excavations.

OFFICE OF SUPERINTENDENT OF SPRINKLING,
ST. LOUIS, MO., April 13th, 1897.

Hon. A. N. Milner, Street Commissioner:

DEAR SIR — I respectfully submit the following as my annual report for the fiscal year, ending April 12th, 1897:—

The sprinkling season of 1896 was under the supervision of my predecessor, Mr. Henry Besch.

The number of miles contracted for was 473.34, at a total cost of $107,054.25. Average cost, $226.17 per mile.

The number of miles contracted for the season of 1897 is 499.51 miles. Total contract price, $103,337.50. Average cost per mile, $206.88.

There was appropriated $2,500 for sprinkling during the period from December 1st, 1896, to March 15th, 1897, of which $1,958.00 was expended. During the winter season in former years, this appropriation was insufficient to do the work properly. During last winter, however, the weather was such that very little sprinkling could be done.

Respectfully submitted,

GEO. W. RIECHMANN,
Superintendent of Sprinkling.

Tables Accompanying Report of Street Commissioner.

CONSTRUCTION OF STREETS AND ALLEYS.

Table No. 1.— Showing work completed.
Table No. 2.— Showing work under contract.
Table No. 3.— Showing work under ordinance.

CONSTRUCTION OF STREETS AND ALLEYS WITH GRANITE BLOCKS.

Table No. 4.— Showing work under contract.
Table No. 5.— Showing work under ordinance.

CONSTRUCTION OF STREETS AND ALLEYS WITH VITRIFIED PAVING BRICK.

Table No. 6.— Showing work completed.
Table No. 7.— Showing work under contract.
Table No. 8.— Showing work under ordinance.

RECONSTRUCTION OF STREETS AND ALLEYS WITH GRANITE BLOCKS.

Table No. 9.— Showing work completed.
Table No. 10.— Showing work under contract.
Table No. 11.— Showing work under ordinance.

RECONSTRUCTION OF STREETS AND ALLEYS WITH VITRIFIED PAVING BRICK.

Table No. 12.— Showing work completed.
Table No. 13.— Showing work under contract.
Table No. 14.— Showing work under ordinance.

STREET BRIDGES AND CULVERTS.

Table No. 15.— Showing work under contract and in progress.

MISCELLANEOUS.

Table No. 16.— Statement of streets maintained by contract.
Table No. 17.— Statement of length and cost of reconstruction of streets since 1869.
Table No. 18.— Statement of length and cost of improvement and reconstruction of streets with brick.
Table No. 19.— Statement of length and cost of improvement and reconstruction of alleys with granite since 1884.
Table No. 20.— Statement of length and cost of improvement and reconstruction of alleys with brick.
Table No. 21.— Work done in numbering houses.
Table No. 22.— Statement of street sprinkling for season of 1896.
Table No. 23.— General information.

TABLE NO. 1.—CONSTRUCTION

SHOWING WORK COMPLETED DURING THE

No. of Ordinance.	No. of Contract.	Contractor.	Street or Alley Improved.	Where.	Description of Work.
18474	...	Annual	Crosswalks	In First, Second and Third Districts	Constructing 20 limestone crossw'ks
18095	4028	Michael Hanick	Kingsh'way boul.	Bet. Laclede av. and Lindell boul.	Grading
18139	4052	M. A. Hogan	Slattery st	Bet. Benton st. and Montgomery st	Grading, curbing, gutter-paving, telford and crosswalks
18132	4053	Aug. & Jno. C. Heman	Easton av	Bet. Burd av. and Western City Limits.	Grading, curbing, gutter-paving, telford and crosswalks
18134	4054	G. Eyermann, Jr	Geyer av	Bet. Jefferson av. and California av.	Grading, curbing, gutter-paving, telford and crosswalks
18135	4057	Atlantic Q. & Con. Co.	Hickory st	From the east line of Benton place subdivision to Armstrong av.	Grading, curbing, gutter-paving, telford and crosswalks
18098 18215	4150	Aug. & Jno. C. Heman	Evans av	Bet. Sarah st. and Whittier st	Grading, curbing, gutter-paving, telford and crosswalks
18249	4151	John Sullivan	Twenty-first st	Bet. Ferry st. and Bissell st	Grading
18370	4214	H. Hall	Garfield av	Bet. Spring av. and Prairie av.	Grading and crosswalks
18314	4215	H. Hall	Lincoln av	Bet. Prairie av. and Spring av.	“ “ “
18309	4251	St. L. S. M. Q. & B. A.	California av	Bet. Magnolia av. and Shenandoah av.	Grading, curbing, gutter-paving, telford and crosswalks
18317	4222	Tim Moloney	Withnell av	Bet. Wisconsin av. and Illinois av.	Grading and crosswalks.
18470	4226	Wm. Ryan	Cote Brilliante av.	Bet. Marcus av. and Euclid av.	Grading
18471	4229	Thos. Whelan	Florissant av.	Bet. Warne av. and Athlone av	“
18472	4230	Thos. Whelan	Lincoln av	Bet. Warne av. and Sarah st.	“
18370	4248	M. A. Hogan	Garfield av	Bet. Spring av. and Prairie av.	Curbing, gutter-paving and telford.
18317	4249	Jno. A. Lohrum	Withnell av	Bet. Wisconsin av. and Illinois av.	“ “ “ “
18314	4250	J. E. Perkinson	Lincoln av	Bet. Prairie av. and Spring av.	“ “ “ “
18460	4291	Thos. Whelan	Page boul	Bet. Whittier st. and Pendleton av	Grading
18462	4292	Michael Hanick	Sarah st	Bet. Laclede av. and Olive st	“
18463	4293	Michael Hanick	Sarah st	Bet. Olive st. and West Belle place	“
18469	4311	John Sullivan	Linton av	Bet. Carter av. and Florissant av	“
18203	4312	H. Hall	Goode av	Bet. Easton av. and Kennerly av	Grading and crosswalks.
18466	4313	Heman & Skrainka	Carter av	Bet. Grand av. and Prairie av.	Grading & macadamizing 20 ft. wide
18467	4314	Heman & Skrainka	Gano av	Bet. Penrose st. and Florissant av.	“ “ “ “
18469	4315	Heman & Skrainka	Linton av	Bet. Carter av. and Florissant av	“ “ “ “
18456	4316	Heman & Skrainka	LaSalle st	Bet. Montrose st. and Cardinal av.	Curbing, gutter-paving & telford
18203	4319	Heman & Skrainka	Goode av	Bet. Easton av. and Kennerly av	“ “ macadamizing
18454	4322	H. Hall	Euclid av	Bet. Forest Park boul. and Lindell boul.	Grading.
18464	4323	H. Hall	St. Alphonsus st.	Bet. Bell av. and Finney av	“
18461	4335	St. L. S. M. Q. & B. A.	Rutger st	From California av. eastwardly for about 397½ ft.	Curbing, gutter-paving and telford.
18455	4338	Tim Moloney	Finney av	Bet. Pendleton av and Taylor av	Grading
18288	4365	E. C. Morrison	Page boul	Bet. Sarah st. and Whittier st	“
18311	4366	St. Louis Q. & Con. Co.	Evans av	Bet. Vandeventer av. and Sarah st.	Curbing, gutter-paving and telford.
18290	4371	Wade Bros. Con. Co.	Pendleton av	From Olive st. to a line 229 ft. north of Morgan st.	Grading
18311	4372	Thos. Whelan.	Evans av	Bet. Vandeventer av. and Sarah st.	Grading and crosswalks.
18289	4373	Thos. Whelan.	Page boul	Bet. Vandeventer av. and Sarah st.	Grading
18623	4385	James Carroll	Twenty-second st.	Bet. Farrar st. and Bremen av.	“
18624	4386	Michael Hanick	Garrison av	Bet. Manchester av. and Laclede av.	“
18626	4387	J. E. Perkinson	Rauschenbach av.	From North Market st. south to alley in City Block 2330	“
18628	4388	Wade Bros. Con. Co.	Wisconsin av	Bet. Cherokee st. and Utah st	“
18632	4389	Harry A. Wittler	Rutger st	From Jefferson av. eastwardly about 298 feet	“
18636	4390	Michael Hanick	Hickory st	Bet. California av. and Ewing av	“
18641	4391	J. E. Perkinson	Lucky st	Bet. Grand av. and Spring av	“
18643	4392	Rothwell Bros	Cates av.	Bet. Hamilton av. and Delmar av.	“
18647	4393	John Sullivan	Warne av	Bet. Algernon st. and Conde st	“
18648	4394	James Carroll	Alice av	Bet. Florissant av. and Algernon st.	“
18651	4396	John Sullivan.	Algernon st	Bet. Warne av. and Adelaide av.	“
18652	4397	Michael Hanick	Taylor av.	Bet. St. Louis av. and Ashland av.	“
18627	4402	J. E. Perkinson	Rauschenbach av.	From North Market st. south to alley in city block 2330	Curbing, gutter-paving and telford.
18637	4405	St. L. S. M. Q. & B. A.	Hickory st	Bet. California av. and Ewing av	“ “ “ “ “
18644	4407	Nicholas Lamb.	Cates av	Bet. Hamilton av. and Delmar av.	“ “ “ “ “
18629	4408	Hoffmann & Co	Wisconsin av	Bet. Cherokee st. and Utah st	“ “ “ “ “
18642	4410	Bambrick-Bates C.Co.	Lucky st	Bet. Grand av. and Spring av	“ “ “ “ “
18646	4411	Fruin-Bambrick C.Co.	Bacon st	Bet. Montgomery st. and St. Louis av.	“ “ “ “ “
18630	4415	St. L. S. M.Q. & B. Assn	Lemp av	Bet. Wyoming st. and Arsenal st	“ “ “ “ “
18634	4440	Chas. Kratz.	Wyoming st.	Bet. Iowa av. and Oregon av.	Grading
18669	4443	Chas. Kratz	Cherokee st	Bet. Nebraska av. and Gravois av.	“
18635	4448	Jno. A. Lohrum.	Wyoming st.	Bet. Iowa av. and Oregon av.	Curbing, gutter-paving and telford.
18673	4449	G. Eyermann, Jr	Grand av	Bet. Miami st. and Cherokee st	“ “ “ “ “
18110	4061	M. A. Hogan	Alley in blk. 2433.	From Ferry st. to Bissell st. and bet. 21st st. and Florissant av.	Grading and paving
18262	4152	John Sullivan	Alley in blk. 2487.	From Penrose st. to Carter av. and bet. John av. and Gano av.	Grading
18224	4153	Skrainka Con. Co	Alley in blk. 4.	From Spruce st. to Clark av. and bet. Wharf and First st.	Grading and paving
18330	4216	John Sullivan	Alley in blk. 2423.	From Lee av. to Penrose st. and bet. Pleasant st. and Peck st	Grading

F STREETS AND ALLEYS.

ISCAL YEAR FROM APRIL 13, 1896, TO APRIL 12, 1897.

Total Length.		Appropriations.			Expended.			Unexpended Balance.			Total Cost of Work.		
treets, Linear Feet.	Alleys, Linear Feet.	By City.	Deposited by Property Owners.	Total.	For Grading and Cross-walks.	For Excess.	Total.	Returned to Treasury.	Returned to Property Owners.	Total.	Paid by City.	Paid by Property Owners.	Total.
......	......	$947 00	......	$947 00	$789 55	......	$789 55	$157 45	......	$157 45	$789 55	......	$789 55
......	......	840 00	......	840 00	840 00	......	840 00	......	......	......	840 00	......	840 00
$656 00	......	732 00	......	732 00	721 25	......	721 25	10 75	......	10 75	721 25	$2642 01	3363 26
4000 00	......	2842 00	......	2842 00	2810 05	......	2810 05	31 95	......	31 95	2810 05	14767 39	17577 44
1279 00	......	1347 00	......	1347 00	792 86	$214 38	1007 24	339 76	......	339 76	1007 24	4489 82	5497 06
475 00	......	423 00	......	423 00	342 60	27 98	370 58	52 42	......	52 42	370 58	1339 62	1710 20
553 00	......	942 00	......	942 00	801 36	......	801 36	140 64	......	140 64	801 36	2891 07	3692 43
......	......	220 00	......	220 00	209 00	......	209 00	11 00	......	11 00	209 00	......	209 00
......	......	625 00	......	625 00	563 81	......	563 81	61 19	......	61 19	563 81	......	563 81
......	......	269 00	......	269 00	269 00	......	269 00	......	......	......	269 00	......	269 00
1569 00	......	659 00	$1024 00	1683 00	535 07	1147 93	1683 00	......	......	......	1683 00	5164 53	6847 53
......	......	206 00	......	206 00	195 40	......	195 40	10 60	......	10 60	195 40	......	195 40
......	......	498 00	......	498 00	498 00	......	498 00	......	......	......	498 00	......	498 00
......	......	500 00	......	500 00	500 00	......	500 00	......	......	......	500 00	......	500 00
......	......	375 00	......	375 00	216 00	......	216 00	159 00	......	159 00	216 00	......	216 00
584 00	......	......	......	......	......	......	......	......	......	......	......	2026 63	2026 63
317 00	......	......	......	......	......	......	......	......	......	......	......	1137 66	1137 66
551 00	......	......	......	......	......	......	......	......	......	......	......	2698 62	2698 62
......	......	3557 00	......	3557 00	3198 25	......	3198 25	358 75	......	358 75	3198 25	......	3198 25
......	......	657 00	......	657 00	657 00	......	657 00	......	......	......	657 00	......	657 00
......	......	517 00	......	517 00	517 00	......	517 00	......	......	......	517 00	......	517 00
......	......	354 00	......	354 00	234 05	......	234 05	119 95	......	119 95	234 05	......	234 05
......	......	748 00	......	748 00	748 00	......	748 00	......	......	......	748 00	......	748 00
1200 00	......	419 00	......	419 00	207 00	51 16	258 16	160 84	......	160 84	258 16	1390 40	1648 56
1290 00	......	476 00	......	476 00	345 00	......	345 00	131 00	......	131 00	345 00	1416 62	1761 62
710 00	......	......	......	......	......	......	......	......	......	......	......	786 33	786 33
404 00	......	......	......	......	......	......	......	......	......	......	......	1305 54	1305 54
1929 00	......	......	......	......	......	......	......	......	......	......	......	3545 55	3545 55
......	......	220 00	......	220 00	220 00	......	220 00	......	......	......	220 00	......	220 00
......	......	126 00	......	126 00	126 00	......	126 00	......	......	......	126 00	......	126 00
427 00	......	......	......	......	......	......	......	......	......	......	......	1638 20	1638 20
......	......	447 00	......	447 00	447 00	......	447 00	......	......	......	447 00	......	447 00
......	......	1005 00	......	1005 00	1005 00	......	1005 00	......	......	......	1005 00	......	1005 00
1498 00	......	......	......	......	......	......	......	......	......	......	......	6742 09	6742 09
......	......	900 00	......	900 00	900 00	......	900 00	......	......	......	900 00	......	900 00
......	......	825 00	......	825 00	825 00	......	825 00	......	......	......	825 00	......	825 00
......	......	495 00	......	495 00	495 00	......	495 00	......	......	......	495 00	......	495 00
......	......	600 00	......	600 00	600 00	......	600 00	......	......	......	600 00	......	600 00
......	......	173 00	......	173 00	173 00	......	173 00	......	......	......	173 00	......	173 00
......	......	145 00	......	145 00	145 00	......	145 00	......	......	......	145 00	......	145 00
......	......	70 00	......	70 00	70 00	......	70 00	......	......	......	70 00	......	70 00
......	......	675 00	......	675 00	675 00	......	675 00	......	......	......	675 00	......	675 00
......	......	695 00	......	695 00	695 00	......	695 00	......	......	......	695 00	......	695 00
......	......	175 00	......	175 00	175 00	......	175 00	......	......	......	175 00	......	175 00
......	......	120 00	......	120 00	120 00	......	120 00	......	......	......	120 00	......	120 00
......	......	625 00	......	625 00	570 00	......	570 00	55 00	......	55 00	570 00	......	570 00
......	......	700 00	......	700 00	588 60	......	588 60	111 40	......	111 40	588 60	......	588 60
......	......	500 00	......	500 00	500 00	......	500 00	......	......	......	500 00	......	500 00
......	......	356 00	......	356 00	356 00	......	356 00	......	......	......	356 00	......	356 00
335 00	......	......	......	......	......	......	......	......	......	......	......	1173 33	1173 33
422 00	......	......	......	......	......	......	......	......	......	......	......	1654 98	1654 98
655 00	......	......	......	......	......	......	......	......	......	......	......	7763 23	7763 23
619 00	......	58 00	......	58 00	......	......	......	58 00	......	58 00	......	2394 94	2394 94
541 00	......	......	......	......	......	......	......	......	......	......	......	2363 94	2363 94
837 00	......	......	......	......	......	......	......	......	......	......	......	3620 76	3620 76
370 00	......	......	......	......	......	......	......	......	......	......	......	1134 76	1134 76
......	......	213 00	......	213 00	213 00	......	213 00	......	......	......	213 00	......	213 00
......	......	200 00	......	200 00	188 83	......	188 83	11 17	......	11 17	188 83	......	188 83
618 00	......	......	70 00	70 00	......	......	......	......	$70 00	70 00	......	2583 09	2583 09
238 00	......	......	1396 00	1396 00	......	393 97	393 97	......	1002 03	1002 03	393 97	4653 71	5047 68
......	$725 00	600 00	......	600 00	600 00	......	600 00	......	......	......	600 00	1230 46	1830 46
......	......	200 00	......	200 00	200 00	......	200 00	......	......	......	200 00	......	200 00
......	271 00	122 00	......	122 00	43 19	78 81	122 00	......	......	......	122 00	1032 37	1154 37
......	......	157 00	......	157 00	108 50	......	108 50	48 50	......	48 50	108 50	......	108 50

TABLE NO. 1.—CONSTRUCTI
SHOWING WORK COMPLETED DURI

No. of Ordinance.	No. of Contract.	Contractor.	Street or Alley Improved.	Where.	Description of Work.
18332	4217	Thos. Whelan........	Alley, blk. 3910, s.	From Whittier st. to Boyle av. and bet. McPherson av. and Westminster pl..	Grading..................
18372	4220	James Carroll.........	Alley in blk. 3921..	Bet. Vandeventer av., Sarah st., West Pine boul. and Lindell boul..........	" ....
18328	4223	Tim Moloney..........	N. & s. al., blk. 2124	From Blaine av. to Folsom av. and bet. Grand av. and Spring av............	" ....
18452	4294	F. C. Webb............	Alley, blk. 4581, n.	From Boyle av. to Newstead av. and bet. Westminster pl. and Olive st.... ...	" ....
18444	4309	G. Eyermann, Jr	Part of E. & w. al., blk. 1331 s. & 1330.	From the present terminus of improvement west of 18th st. westwardly to Mississippi av. about 384 feet........	Grading and paving........
18449	4324	H. Hall................	Alley in blk. 2395..	From Glasgow av. to Thompson av. and bet. Barrett st. and Bailey av........	Grading..................
18443	4325	H. Hall................	Alley in blk. 1192..	From Mallinckrodt st. south 194 feet and bet. 11th st. and 14th st...............	" ....
18447	4326	H. Hall....	Alleys in blk. 1878.	Bet. Grand av., Spring av., Garfield av. and N. Market st..	" ....
18448	4327	H. Hall	Alley in blk. 2303..	Bet. O'Fallon st., Dickson st., 21st st. and 22d st	" ....
18450	4328	H. Hall	N. & s. al., blk. 3391	Bet. Linton av., College av., 20th st. and 21st st..........................	" ....
18329	4330	H. Hall................	N. & s. al., blk. 2331	Bet. 20th st., 21st st., Madison st. and N. Market st..	" ....
18446	4331	H. Ruecking & Co....	N. & s. al., blk. 1533	From Cherokee st. to Utah st. and bet. Lemp av. and Salena st.............	Grading and paving........
18614	4383	J. E. Perkinson.......	Alley in blk. 2354..	Bet. Elliot av., Leffingwell av., City Block No. 2353 and N. Market st...........	Grading..................
18622	4401	J. E Perkinson.......	Alley in blk. 2354..	Bet. Elliot av., Leffingwell av., City Block No. 2353 and N. Market st...........	Paving..................

TS AND ALLEYS. — *Continued.*

YEAR FROM APRIL 13, 1896, TO APRIL 12, 1897.

Length.	Appropriated.			Expended.			Expended Balance.			Total Cost of Work.		
Alleys, Linear Feet.	By City.	Deposited by Property Owners.	Total.	For Grading and Cross-walks.	For Excess.	Total.	Returned to Treasury.	Returned to Property Owners.	Total.	Paid by City.	Paid by Property Owners.	Total
	$149 00		$149 00	$116 00		$116 00	$33 00		$33 00	$116 00		$116 00
	510 00		510 00	510 00		510 00				510 00		510 00
	130 00		130 00	110 20		110 20	19 80		19 80	110 20		110 20
	150 00		150 00	150 00		150 00				150 00		150 00
$384 00	60 00		60 00	45 00		45 00	15 00		15 00	45 00	$622 35	667 35
	47 00		47 00	47 00		47 00				47 00		47 00
	53 00		53 00	53 00		53 00				53 00		53 00
	180 00		180 00	180 00		180 00				180 00		180 00
	110 00		110 00	110 00		110 00				110 00		110 00
	75 00		75 00	75 00		75 00				75 00		75 00
	76 00		76 00	76 00		76 00				76 00		76 00
600 00											1144 56	1144 56
	48 00		48 00	41 65		41 65	6 35		6 35	41 65		41 65
248 00											525 80	525 80
$2228 00	$30143 00	$2490 00	$32633 00	$27543 22	$1914 23	$29457 45	$2103 52	$1072 03	$3175 55	$29457 45	$85880 36	$115337 81

TABLE NO. 2.—CONSTRUCTION OF STREETS AND ALLEYS.

SHOWING WORK UNDER CONTRACT AND IN PROGRESS AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12, 1897.

No. of Ordinance.	No. of Contract.	CONTRACTOR.	Street or Alley Improved.	WHERE.	DESCRIPTION OF WORK.	Total Length.		Payable by City for Grading and Crosswalks.	Payable by City for Excess over 25 per cent.	Total Payable by City.	Payable by Property Owners.	Estimated Total Cost.
						Streets, Linear feet.	Alleys, Linear feet.					
18279	4175	Aug. & John C. Heman	Delmar boul	Bet. King's highw'y and Union bouls	Gr'g, curb'g, gut'r pav. tel. & croswks	2776.00	....	$ 4665 00	$1928 00	$ 6593 00	$28404 00	$34997 00
18312	4206	E. C. Morrison........	Folsom av..... ...	Bet. Grand av. and Tower Grove av..	" " " " "	4819 00	....	3480 00	257 00	3737 00	23751 00	27488 00
18313	4247	Atlantic Quarry and Const. Co..........	Galle st...........	From north line of east and west alley in block No. 821 south, northwardly as far as open, being a distance of about 402 feet............	Curb'g, gut'r pav. & macadamizing..	402 00	......	170 00	....	170 00	992 00	1162 00
18459	4317	Heman & Skrainka...	Oregon av........	Bet. Potomac st. and Cherokee st....	" " " telford..... ...	650 00	....	94 00	135 00	229 00	2890 00	3119 00
18458	4318	" " ...	Lemp av..........	" Broadway and Cherokee st ...	" " " "	995.00	....	465 00	838 00	1303 00	3888 00	5191 00
18457	4320	" " ...	"	" Cherokee st. and Utah st.......	" " " "	641.00	....	173 00	....	173 00	2873 00	3046 00
18453	4321	H. Hall	Delmar boul.....	" Taylor av. and King's highway boul..........................	Grading.....................	....	....	1935 00	....	1935 00	....	1935 00
18397	4334	F. C. Webb...........	Vandeventer av...	" Page boul. and Easton av......	"	....	....	2702 00	....	2702 00	....	2702 00
18465	4339	" "	Washington boul	" Taylor av. and King's highway boul..........................	"	....	....	2354 00	....	2354 00	.. ..	2354 00
18280	4364	Allen & Vieths........	Delmar boul	" Union boul. and Clara av......	"	....	....	2846 00	.... ..	2846 00	....	2846 00
18280	4352	Fruin & Heman.......	" "	" " " "	Curb'g, gut'r pav. & improv'd telford	2507.00	....	....	3441 00	3441 00	22826 00	26267 00
18278	4370	Tim Moloney	Cook av	" Pendleton av. and Newstead av.	Grading	.....	....	1035 00	....	1035 00	....	1035 00
18310	4374	Hoffman & Co.........	Cherokee st.......	" California av. and Nebraska av.	Curbing, gutter paving and telford..	624 60	....	....	....	....	3850 00	3850 00
18456 18671	4379	Harry A. Withler.....	LaSalle st.........	" Montrose av. and Cardinal av..	Grading	....	....	236 00	....	236 00	....	236 00
18461 18672	4380	" "	Rutger st..........	From California av. eastwardly about 397½ feet......................	"	....	....	350 00	....	350 00	....	350 00
18310 18668	4381	Michael Hanick	Cherokee st.......	Bet. California av. and Nebraska av.	"	....	....	517 00	....	517 00	....	517 00
18649	4395	" "	Vernon av........	" West End av. and Walton av...	"	....	....	1000 00	......	1000 00	....	1000 00
18656	4398	T. E. Cavanagh.......	Vandeventer av...	From St. Louis av. to the north line of Chouteau pl......................	"	....	....	160 00	....	160 00	....	160 00
18658	4399	Wade Bros. Cons. Co.	Blaine av.........	Bet. Grand av. and Spring av.......	"	....	....	100 00	....	100 00	....	100 00
18660	4400	Harry A. Withler. ...	Jefferson av.....	" Cherokee st. and Utah st........	"	....	......	375 00	....	375 00	....	375 00
18625	4403	Bambrick-Bates Construction Co........	Garrison av.....	" Manchester av. and Laclede av.	Curbing, gutter paving and telford..	349.00	....	....	289 00	289 00	1799 00	2088 00
18083	4404	St. Louis Stone Masons Quar. & B. As'n.	Rutger st.........	From Jefferson av. eastwardly about 298 feet..........................	" " " " ..	310.00	....	....	....	....	1781 00	1781 00

18639	4406	Hill-O'Meara Con. Co.	Morgan st.	From Walton av. eastwardly about 300 feet	" " " "	331 00					1778 00	1778 00
18631	4409	Fruin-Bambrick Construction Co.	Coleman st.	Bet. Magazine st. and Montgomery st.	" " " "	1562.00			170 00	170 00	8427 00	8597 00
18653	4412	Hill-O'Meara Con. Co.	Taylor av.	" St. Louis av. and Ashland av.	" " " "	1409.00			37 00	37 00	7515 00	7552 00
18655	4413	" " "	Garfield av	" Taylor av. and Cora av.	" " " "	1170.00					5702 00	5702 00
18659	4414	Fruin-Bambrick Construction Co.	Blaine av.	" Grand av. and Spring av.	" " " "	885 00					5024 00	5024 00
18661	4416	Hoffman & Co	Jefferson av.	" Cherokee st. and Utah st.	" " " "	642.00					4204 00	4204 00
18657	4417	T. E. Cavanagh	Vandeventer av.	From St. Louis av. to the north line of Chouteau pl.	Telford	545.00			1021 00	1021 00	610 00	1631 00
18638	4441	Hill-O'Meara Con. Co.	Morgan st	From Walton av. eastwardly for about 300 feet	Grading			75 00		75 00		75 00
18654	4442	" " "	Garfield av.	Bet. Taylor av. and Cora av.	"			50 00		50 00		50 00
18713	4462	" " "	Bell av.	" Marcus av. and Walton av	"			162 00		162 00		162 00
18716	4463	Thos. Whelan	Lincoln av.	" Prairie av. and Vandeventer av.	"			950 00		950 00		950 00
18714	4472	Heman Construc. Co.	Bell av.	" Marcus av. and Walton av	Curbing, gutter paving and telford	589 00			320 00	320 00	3022 00	3342 00
18720	4473	J. E. Perkinson	Lincoln av	" Prairie av. and Vandeventer av.	" " " "	722 00			149 00	149 00	4093 00	4242 00
18333	4218	R. S. Colnon	Alley in blk. 4553 N	From Taylor av. to West End av. and bet. Cook av. and Page boul.	Grading			320 00		320 00		320 00
18451	4295	F. C. Webb	" " 3912	From Sarah st. to Whittier st. and bet. McPherson av. and Westminster pl.	"			173 00		173 00		173 00
18451	4310	St. Louis Stone Masons Quar. & B. As'n.	" " 3912	From Sarah st. to Whittier st. and bet. McPherson av. and Westminster pl.	Paving		706 00				1521 00	1521 00
18616	4384	Michael Hanick	" " 3902	From Newstead av. to Taylor av. and bet. Forest Park boul. & Laclede av	Grading			500 00		500 00		500 00
18271	4436	R. C. Smith	" " 3756	From Whittier st. to Pendleton av. and bet. Delmar boul. & Morgan st,	"			79 00		79 00		79 00
18272	4437	" "	" " 3915	From Sarah st. to Boyle av. and bet. Laclede av. and West Pine boul.	"			352 00		352 00		352 00
18274	4438	" "	" " 4583	From Whittier st. to Pendleton av. & bet. Olive st. & Washington boul.	"			117 00		117 00		117 00
18275	4439	" "	" " 5041	From Vandeventer av. west to the eastern terminus of improvement and bet. McPherson av. and Westminster pl.	"			210 00		210 00		210 00
18609	4400	Michael Hanick	" " 896	From 18th st. to 19th st. and bet. Pine st. and Olive st.	"			80 00		80 00		80 00
18610	4461	" "	" " 901	From 19th st. to 20th st. and bet. Pine st. and Olive st.	"			20 00		20 00		20 00
						21928 00	706 00	$25745 00	$8585 00	$34330 00	$134950 00	$169280 00

TABLE NO. 3.—CONSTRUCTION OF STREETS AND ALLEYS.

SHOWING WORK AUTHORIZED BY ORDINANCE BUT NOT UNDER CONTRACT AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12TH, 1897.

No. of Ordinance—Grading.	No. of Ordinance — Improvement.	Street or Alley Improved.	Where.	Description of Work.	Total Length. Streets, Lineal Feet.	Total Length. Alleys, Lineal Feet.	Payable by City for Grading and Crosswalks.	Payable by City for Excess over 25 per cent.	Total Payable by City.	Payable by Property Owners.	Estimated Total Cost.
18315	18315	Nebraska av	Bet. Lafayette av. and Park av	Grading, curbing, guttering, Telford and crosswalks	1276.00	......	$763 00	......	$763 00	$5197 00	$5960 00
18650	......	Olive st	Bet. Taylor av. and Walton av	Grading	......	......	100 00	......	100 00	......	100 00
18715	18735	Ohio av	Bet. Cherokee st. and Arsenal st	Grading, curbing, guttering and Telford	2173.00	......	188 00	$2108 00	2296 00	9184 00	11480 00
18733	......	Ridge av	Bet. Kingshighway boul. and Union boul	Grading	......	......	670 00	......	670 00	......	670 00
18885	18886	California av	Bet. Henrietta st. and Park av	Grading, curbing, guttering and Telford	925.00	......	336 00	154 00	490 00	5080 00	5570 00
18887	18888	North Market st	Bet. Elliot av. and Glasgow av	" " " "	960.00	......	422 00	115 00	537 00	4594 00	5131 00
18889	18890	Sarah st	Bet. Easton av. and North Market st	" " " "	1197.00	......	625 00	351 00	976 00	5480 00	6456 00
18891	18892	Sarah st	Bet. North Market st. and Kennerly av	" " " "	1102.00	......	615 00	30 00	645 00	5478 00	6123 00
18893	......	Papin st	Bet. Sarah st. and Boyle av	Grading	......	......	460 00	......	460 00	......	460 00
18894	18895	Grove st	Bet. Lee av. and Carter av	Grading, curbing, guttering and Telford	1064.00	......	380 00	164 00	544 00	4524 00	5068 00
18913	18914	Crittenden st	Bet. Eighteenth st. and Lemp av	" " " "	314.00	......	295 00	112 00	407 00	1704 00	2111 00
18923	18924	Leffingwell av	Bet. Madison st. and St. Louis av	" " " "	2050.00	......	758 00	294 00	1052 00	9762 00	10814 00
18925	18926	Nebraska av	Bet. Juniata st. and Arsenal st	" " " "	453.00	......	304 00	83 00	387 00	2237 00	2624 00
18927	18928	Illinois av	Bet. Cherokee st. and Utah st	" " " "	642.00	......	249 00	441 00	690 00	3159 00	3849 00
18929	18930	Blair av	Bet. Ferry st. and Bissell st	" " " "	845.00	......	289 00	......	289 00	4840 00	5129 00
18939	18940	Ferry st	Bet. Twentieth st. and Grove st	Grading rough rock foundat'n and Macadam	695.00	......	600 00	......	600 00	948 00	1548 00
18941	18942	Salena st	Bet. Cherokee st. and Utah st	Grading, curbing, guttering and Telford	624.00	......	424 00	......	424 00	2902 00	3326 00
18943	......	College av	Bet. Florissant av. and Conde st	Grading	......	......	500 00	......	500 00	......	500 00
......	18945	Eighteenth st	Bet. Crittenden st. and Pestalozzi st	Grading, curbing, guttering and Telford	353.00	......	58 00	......	58 00	2151 00	2209 00
......	18946	Indiana av	Bet. Lynch st. and Sidney st	" " " "	708.00	......	124 00	......	124 00	3910 00	4034 00
18128	18128	Alley in Block 2437 S.	From 19th st. to 20th st. and bet. Penrose st. and Farragut st	Grading and Paving	......	285.00	1050 00	......	1050 00	602 00	1652 00
18607	......	Alley in Block 673	From Allen av. to Geyer av. and bet. 12th st. and 13th st	Grading	......	......	62 00	......	62 00	......	62 00
18615	......	Alley in Block 2438 N.	From Farragut st. to Ferry st. and bet. 19th st. and Blair av	"	......	......	300 00	......	300 00	......	300 00
					15381 00	285.00	$9572 00	$3852 00	$13424 00	$71752 00	$85176 00

TABLE NO. 4. — CONSTRUCTION OF STREETS AND ALLEYS WITH GRANITE.

SHOWING WORK UNDER CONTRACT AND IN PROGRESS AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12, 1897.

No. of Ordinance.	No. of Contract.	Contractor.	Street or Alley Improved.	Where.	Description of Work.	COST OF			Area of Roadway Squares.	Total Length, Lineal Feet.	Estimated Total Cost of Work.	Payable by Property Owners.	Payable by City.
						Repairing Roadway, per Square.	Concrete, per Square.	Paving, per Square.					
18397	4336	St. Louis Quarry and Construction Co....	Vandeventer av......	Between Page Boulevard and Easton av.	7½-8½ inch granite blocks on a bed of sand........	$0 15	....	$19 50	289.00	863.00	$9457 00	$6755 00	$2702 00
18697	4469	H. Ruecking & Co....	Alley in Block 896....	From 18th st. to 19th st. and between Pine st. and Olive st....	7½-8½ inch granite blocks on 8 inches cement concrete........	40	$10 00	17 00	53 00	351.00	1800 00	1800 00	....
18698	4470	H. Ruecking & Co....	Alley in Block 901....	From 19th st. to 20th st. and between Pine st. and Olive st....	7½-8½ inch granite blocks on 8 inches cement concrete........	40	10 00	17 00	53.00	350.00	1800 00	1800 00	....
						....	....	....	395 00	1564.00	$13057 00	$10355 00	$2702 00

TABLE NO. 5. — CONSTRUCTION OF STREETS WITH GRANITE.

SHOWING WORK AUTHORIZED BY ORDINANCE BUT NOT UNDER CONTRACT AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12, 1897.

No. of Ordinance.	Street.	Where.	Description of Work.	Total Length, Lineal Feet.	Payable by City for Grading.	Payable by City for excess over 25 per cent.	Total Payable by City.	Payable by Property Owners.	Estimated Total Cost.
18316	Old Manchester Road	Between Tower Grove av. and Chouteau av.	7½-8½ inch granite blocks on a bed of sand.	3240.00	$3252 00	$204 00	$3456 00	$18365 00	$21821 00
18736	Easton av............	Between Marcus av. and Kingshighway Bl.	7½-8½ inch granite blocks on 8 inches cement concrete..........	2579.00	....	970 00	970 00	31581 00	32551 00
				5819.00	$3252 00	$1174 00	$4426 00	$49946 00	$54372 00

TABLE NO. 6.—CONSTRUCTION OF STREETS AND ALLEYS WITH VITRIFIED PAVING BRICK.

SHOWING WORK COMPLETED DURING THE FISCAL YEAR FROM APRIL 13, 1896, TO APRIL 12, 1897.

No. of Ordinance	No. of Contract.	CONTRACTOR.	Street or Alley Improved.	WHERE.	Description of Work.	Grading.		Curbing.		Cost of		Area of Roadway Squares.	Total Length Lineal Ft.	Total Cost of Work.	Payable by Property Owners.	Payable by City.
						Cost pr Cubic Yard.	Cubic Yards.	Cost pr Lineal Foot.	Lineal Feet.	Conc. per Square	Paving per Square					
18277	4177	Hill O'Meara C. C.	Bell av.........	Bet. Kingshighway boul. & Clarendon av..........	Brick on 6 in. cem. conc. oolitic limestone curb	$0 15	17740 00	$0 98	4008 79	$4 50	$12 25	628.70	2013.00	$17120 34	$14459 34	$2661 00
18291	4178	E. C. Morrison....	Taylor av........	Bet. Lindell boul. & Delmar boul....	Brick on 6 in. cem. conc. oolitic limestone curb	14	10950.00	70	5321 41	4 50	10 00	1138 21	3082 00	21762 03	20148 07	1613 96
18285	4188	G. M. Conard.....	Morgan st	Bet. Kingshighway boul. & Clarendon av..........	Brick on 6 in. cem. conc. oolitic limestone curb	15	15866.70	70	4017.78	4 00	11 00	627.55	2013.00	14605 70	12225 70	2380 00
18283	4189	G. M. Conard.....	Maryland av.....	Bet. Boyle av. & Euclid av..........	Brick on 6 in. cem. conc. oolitic limestone curb	15	5453.33	70	6445 53	4 00	10 90	1141.51	3367.00	22338 37	21520 37	818 00
18281	4203	Birge & Woerheide	Euclid av.........	Bet. the center line of Spalding av. & the north line of Greer av..........	Brick on 6 in. cem. conc. oolitic limestone curb	15	12226 70	70	3759 80	4 00	11 37	598.67	1952 00	13667 42	9619 42	4048 00
18282	4204	Birge & Woerheide	Euclid av.	Bet. Easton av. & the center line of Spalding av..........	Brick on 6 in. cem. conc. oolitic limestone curb	15	8840.00	70	3704.30	4 50	11 37	629.62	1976.00	13911 08	11293 89	2617 19
18369	4207	E. C. Morrison ...	Duncan av........	Bet. Euclid av. & Kingshighway boul.	Brick on 6 in. cem. conc. oolitic limestone curb	15	900.00	70	1781.61	4 25	10 20	319.77	884 00	6002 80	5867 80	135 00
18455	4296	Stifel & Ruckert..	Finney av........	Bet. Pendleton av. & Taylor av.....	Brick on 6 in. cem. conc. granite curb..........	......	....	75	3553.40	6 00	10 80	453.82	1821 00	10289 23	10289 23	....
18454	4299	Skrainka Con. Co.	Euclid av.........	Bet. Forest Park boul. & Lindell boul..........	Brick on 6 in. cem. conc. granite curb..........	......	....	1 00	2588 80	5 00	10 10	278.21	1433.00	6789 77	6789 77	....
18462	4300	Stifel & Ruckert..	Sarah st	Bet. Laclede av. & Olive st.....	Brick on 6 in. cem. conc. granite curb..........	......	....	75	3968.52	6 00	10 60	432.42	2192.00	10154 56	10154 56	....
18463	4301	Stifel & Ruckert..	Sarah st	Bet. Olive st. & West Belle pl........	Brick on 6 in. cem. conc. granite curb..........	......	....	75	2733.45	6 00	10 60	311.92	1540.00	7227 96	7227 96	....
18464	4302	Skrainka Con. Co.	St. Alphonsus st...	Bet. Bell av. & Finney av..........	Brick on 6 in. cem. conc. granite curb..........	.....	....	1 00	999.60	5 90	10 96	199.74	545.00	4187 45	4187 45	....
18289	4353	G. M Conard......	Page boul..... ...	Bet. Vandeventer av. & Sarah st.....	Brick on 6 in. cem. conc. oolitic limestone curb	......	....	75	2151.50	4 50	11 72	926.15	1510.00	17235 78	17235 78	....
18288	4368	E. C. Morrison ...	Page boul.........	Bet. Sarah st. & Whittier st	Brick on 6 in. cem. conc. oolitic limestone curb	......	....	76	1079 26	4 80	11 19	346.53	550.00	6361 25	6361 25	....
18290	4369	Allen & Vieths....	Pendleton av.....	From Olive st. to a line 229 feet north of Morgan st..........	Brick on 6 in. cem. conc. oolitic limestone curb	....	.....	80	2527.72	4 55	11 73	508.03	1361.00	10292 91	10292 91	......
18270	4154	H Ruecking & Co.	Alley in blk. 2118..	Bet. Grand av., Spring av., Flad av & Flora av..........	Brick on 6 in. cem. conc.	15	1500 00	.....	......	4 50	10 99	107 48	518.00	1889 87	1664 87	225 00
18327	4235	G M. Conard......	N. & s. al., blk. 1523	From the north line of E. & W. alley northwardly about 125 feet..........	" " " "	.....	....	....	....	4 15	10 45	24 50	125 00	357 70	357 70	....
18328	4236	G. M. Conard	N. & s. al., blk. 2124	From Blaine av. to Folsom av. & bet. Grand av. & Spring av..........	" " " "	......	....	.....	....	4 15	10 50	39.99	271 00	585 85	585 85	....
18329	4237	G. M. Conard	N. & s. al., blk. 2331	Bet. 20th st., 21st st., Madison st. & N. Market st..........	" " " "	......	....	.....	....	4 50	11 00	29.49	196 00	457 10	457 10	....
18330	4238	G. M. Conard......	Alley in blk. 2423..	From Lee av. to Penrose st. & bet. Pleasant st. & Peck st..........	" " " "	......	....	......	....	4 50	10 60	61.48	419.00	928 35	928 35	....
18332	4239	G. M. Conard......	Alley in blk. 3910 s.	From Whittier st. to Boyle av. & bet. McPherson av. & Westminster pl..	" " " "	.....	.. ...	......	....	4 50	10 70	96 92	648.00	1473 18	1473 18	....
18372	4241	G. M. Conard......	Alley in blk. 3921..	Bet. Vandeventer av., Sarah st., West Pine boul. & Lindell boul..........	" " " "	......	....	......	....	4 80	11 50	271.40	1366.00	4423 82	4423 82	....
18449	4303	J. E. Perkinson...	Alley in blk. 2395..	From Glasgow av. to Thompson av. & bet. Barrett st. & Bailey av.....	" " " "	....	....	.....	....	4 50	10 50	55 65	371 00	834 75	834 75	....
18452	4304	Allen & Vieths ...	Alley in blk. 4581 n.	From Boyle av. to Newstead av. & bet. Westminster pl. & Olive st....	" " " "	......	... ..	......	....	5 00	11 50	169.48	1128.00	2796 42	2796 42	....
18443	4305	J. E. Perkinson...	Alley in blk. 1192..	From Mallinckrodt st., south 194 feet & bet. 11th st. & 14th st.	" " " "	15	114.50	.....	....	4 50	11 00	40.97	206.00	652 21	652 21	....
18447	4306	J. E. Perkinson...	Alleys in blk. 1878	Bet. Grand av., Spring av., Garfield av. & N. Market st..........	" " " "	15	286.00	.....	....	4 50	11 50	96.51	646 00	1587 06	1587 06	....
18448	4307	J. E. Perkinson...	Alley in blk. 2303..	Bet. O'Fallon st., Dickson st., 21st st. & 22d st..........	" " " "	15	120.00	......	....	4 50	11 75	43.237	720 00	720 60	720 60	....
18450	4308	J. E. Perkinson..	N. & s. al., blk. 3391	Bet. Linton av., College av., 20th st. & 21st st..........	" " " "	15	167.30	......	....	4 50	11 00	48 51	256.00	777 00	777 00	. . ..
						.....	74164.53	......	48641.47	......	......	9626.467	32659.00	$199430 56	$184932 41	$14498 15

TABLE NO. 7.—CONSTRUCTION OF STREETS AND ALLEYS WITH VITRIFIED PAVING BRICK.

SHOWING WORK UNDER CONTRACT AND IN PROGRESS AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12, 1897.

No. of Ordinance	No. of Contract.	CONTRACTOR.	Street or Alley Improved.	WHERE.	Description of Work.	Area of Road'y Squ'res	Total Length Lineal Feet.	Payable by City for Grading.	Pay'ble by City for Excess over 25 per ct.	Total Payable by City.	Payable by Property Owners.	Estimt'd Total Cost.
18284	4190	G. M. Conrad	McPherson av.	Between Taylor av. and Walton av.	Brick on 6-in. cem. conc., oolitic limestone curb	374.00	935.00	$1050 00	......	$1050 00	$9988 00	$11038 00
18460	4297	Skrainka Constr. Co.	Page boul.	Between Whittier st. and Pendleton av.	Brick on 6-in. cem. conc., granite curb	510.00	1220.00	3557 00	....	3557 00	14812 00	18369 00
18453	4298	Stifel and Ruckert	Delmar boul.	Between Taylor av. and Kingshighway boul.	Brick on 6 in. cem. conc., granite curb	1020.00	2893.00	1935 00	....	1935 00	29493 00	31428 00
18465	4340	Skrainka Constr. Co.	Washington boul.	Between Taylor av. and Kingshighway boul.	Brick on 6-in. cem. conc., granite curb	1156.00	2774.00	1220 00	$1134 00	2354 00	29716 00	32070 00
18278	4367	Allen and Vieths.	Cook av.	Between Pendleton av. and Newstead av.	Brick on 6-in. cem. conc., oolitic limestone curb	445.00	866.00	1035 00	....	1035 00	11310 00	12345 00
18273	4157	August and John C. Heman	Alleys in Blks 4473, 4474, 4475 & 4476	Between Easton av., North Market st., Cora av. and a line 274 feet west of Cora av.	Brick on 6-in. cem. conc.	208.00	1381.00	260 00	....	260 00	3328 00	3588 00
18333	4240	G. M. Conrad	Alley in Bl'k 4553 n	From Taylor av. to West End av. and bet. Cook av. and Page boul.	" " " "	123.00	816.00	320 00	......	320 00	1968 00	2288 00
18271	4444	August and John C. Heman	Alley in Bl'k 3756	From Whittier st. to Pendleton av. and bet. Delmar boul. and Morgan st.	" " " "	109.00	727.00	79 00	....	79 00	1744 00	1823 00
18272	4445	Wm. Skrainka & Co.	Alley in Bl'k 3915	From Sarah st. to Boyle av. and bet. Laclede av. and West Pine boul.	" " " "	356.00	1366.00	352 00	....	352 00	5696 00	6048 00
18274	4446	Stifel and Ruckert	Alley in Bl'k 4583	From Whittier st. to Pendleton av. and bet. Olive st. and Washington boul.	" " " "	194.00	969.00	117 00	....	117 00	3104 00	3221 00
18275	4447	G. Eyermann, Jr.	Alley in Bl'k 5041	From Vandeventer av. west to the eastern terminus of improvment and bet. McPherson ave. and Westminster Place	" " " "	115.00	762 00	210 00	....	210 00	1840 00	2050 00
						4610.00	14709.00	$10135 00	$1134 00	$11269 00	$112999 00	$124268 00

TABLE NO. 8.—CONSTRUCTION OF STREETS AND ALLEYS WITH VITRIFIED PAVING BRICK.

SHOWING WORK AUTHORIZED BY ORDINANCE BUT NOT UNDER CONTRACT AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12TH, 1897.

No. of Ordinance—Grading.	No. of Ordinance — Improvement.	Street or Alley Improved.	Where.	Description of Work.	Total Length. Streets, Lineal Feet.	Total Length. Alleys, Lineal Feet.	Area of Roadway, Squares.	Payable by City for Grad'g	Payable by City for Excess over 25 per cent.	Total Payable by City.	Payable by Property Owners.	Estimated Total Cost.
......	18734	North Market st......	Bet. Garrison av. and Grand av...........	Vitrified paving brick on 6-in. cement con.	1215.00	....	297.00	.. ....	... ..	....	$ 7811 00	$ 7811 00
18908	18968	Euclid av.............	Bet. Delmar boul. and St. L. & Subur. Ry.	“ “ “ “ “ “ “	1020 00	......	515 00	$ 330 00	$ 697 00	$ 1027 00	11095 00	12122 00
18909	18969	Euclid av.............	Bet. Fountain av. and Easton av..........	“ “ “ “ “ “ “	2272.00	....	1156 00	1680 00	2778 00	4458 00	23450 00	27908 00
18910	18970	Bayard av.............	Bet. Delmar boul. and St. L. & Subur. Ry.	“ “ “ “ “ “ “	1020.00	....	371.00	110 00	57 00	167 00	9010 00	9177 00
18911	18972	Goodfellow av........	Bet. Cates av. and Maple av...............	“ “ “ “ “ “ “	1084.00	....	390 00	50 00	445 00	495 00	9125 00	9620 00
18912	18973	Hamilton av..........	Bet. Cates av. and Horton place..........	“ “ “ “ “ “ “	1531.00	....	570 00	270 00	741 00	1011 00	12886 00	13897 00
18640	18962	Newstead av..........	Bet. Lindell boul. and Maryland av........	“ “ “ “ “ “ “	484.00	....	176 00	163 00	......	163 00	4314 00	4477 00
.....	18971	Taylor av.............	Bet. Delmar boul. and Easton av....	“ “ “ “ “ “ “	3137.00	... .	695 00	....	.... ..	.. ..	17769 00	17769 00
....	18974	Cook av..............	Bet. West End av. and Walton av.	“ “ “ “ “ “ “	1151.00	....	586 00	....	616 00	616 00	12820 00	13436 00
18975	18976	Aubert av	Bet. Delmar boul. and St. L. & Subur. Ry.	“ “ “ “ “ “ “	1005.00	....	365 00	1300 00	79 00	1379 00	8832 00	10211 00
18977	18978	Newstead av..........	Bet. St. Louis av. and Ashland av........	“ “ “ “ “ “ “	1438 00	....	307.00	100 00	421 00	521 00	8172 00	8693 00
18331	18331	Alley in Block 3637...	From Vandeventer av. to Warne av. and bet. Easton av. and Lucky st.....	“ “ “ “ “ “ “	....	700.00	126.00	371 00	....	371 00	2016 00	2387 00
18608	18777	N.& S. alley in Bl'k 797	From Lami st. to Shenandoah av. and bet. 9th st. and 10th st.........	“ “ “ “ “ “ “	....	311 00	50 00	47 00	....	47 00	974 00	1021 00
18611	18727	Alley in Block 1511....	From Cherokee st. to Utah st. and bet. California av. and Oregon av............	“ “ “ “ “ “ “	....	624.00	94.00	150 00	.. ....	150 00	1762 00	1912 00
18612	18729	N.&S. alley in Bl'k 1563	From Miami st. to Potomac st. and bet. Jefferson av. and Texas av.	“ “ “ “ “ “ “	....	600.00	95 00	40 00	92 00	132 00	1693 00	1825 00
18613	18779	Alley in Block 2133....	From Ohio av. to California av. and bet. Lafayette av. and Henrietta st..........	“ “ “ “ “ “ “	....	600 00	90.00	114 00	....	114 00	1725 00	1839 00
18617	18780	Alley in Block 3911....	From Sarah st. to Whittier st. and bet. Westminster pl. and Olive st............	“ “ “ “ “ “ “	....	702.00	105.00	570 00	....	570 00	1971 00	2541 00
18618	18781	Alley in Block 4578...	From Newstead av. to Taylor av. and bet. Olive st. and Washington boul...........	“ “ “ “ “ “ “	....	903.00	181.00	300 00	....	300 00	3433 00	3733 00
18619	18782	Alley in Block 4580 N.	From Newstead av. to Taylor av. and bet. Westminster pl. and Olive st...........	“ “ “ “ “ “ “	....	903 00	136.00	140 00	....	140 00	2573 00	2713 00
18620	18783	Alley in Block 4580 S.	From Newstead av. to Taylor av. and bet. Westminster pl. and McPherson av.....	“ “ “ “ “ “ “	....	902.00	135.00	129 00	....	129 00	2530 00	2659 00
18621	18784	Alley in Block 5040....	From Vandeventer av. westwardly to alley in Block 3924 and bet. Westminster pl. and Olive st................................	“ “ “ “ “ “ “	....	733.00	147.00	78 00	....	78 00	2776 00	2854 00
18685	18778	Alley in Block 1887....	From North Market st. south about 573 ft. and bet. Laflin st. and Coleman st... ...	“ “ “ “ “ “ “	....	573.00	86.00	81 00	40 00	121 00	1574 00	1695 00
18726	18728	Alley in Block 2049....	Bet. 9th st., 13th st., Withnell av. and Wyoming st................	“ “ “ “ “ “ “	....	695.00	105 00	450 00	100 00	550 00	1884 00	2134 00

......	18776	N.&S.Alley in Bl'k 787	Bet. 13th st., Dolman st., Shenandoah av. and Ann av	" " " " " " "	....	172.00	34 00	....	....	....	661 00	661 00
18915	18916	E.&W.All'y in B'k 2114	Bet. Shenandoah av., Cleveland av., Grand av. and Spring av	" " " " " " "	....	491.00	74.00	150 00	....	150 00	1398 00	1548 00
18917	18918	Alley in Block 877	From 11th st. to 12th st. and bet. Sidney st. and Victor st	" " " " " " "	......	290.00	44 00	108 00	.....	108 00	844 00	952 00
18919	18920	E.&W.All'y in B'k 1840	From 24th st. westwardly 300 ft. and 130 ft. south of Cass av	" " " " " " "	....	300.00	62.00	75 00	91 00	166 00	1102 00	1268 00
18921	18922	E.&W.All'y in B'k 1927	Bet. Thompson st., Grand av., Barrett st. and Bailey av	" " " " " " "	....	520.00	78 00	75 00	....	75 00	1474 00	1549 00
18931	18932	Alley in Block 4875	From Sarah st. to Whittier st. and bet Washington boul. and Delmar boul.	" " " " " " "	......	932.00	164.00	200 00	....	200 00	3072 00	3272 00
18933	18934	E.&W.All'y in B'k 1800	From Salena st. west to N. and S. alley and bet. Congress st. and Penn. st	" " " " " " "	......	251.00	38 00	68 00	....	68 00	719 00	787 00
18935	18936	N. & S. Alley in Blocks 846 and 849	From Lynch st. to Sidney st. and bet. 7th st. and 9th st.	" " " " " " "	......	713.00	143.00	300 00	....	300 00	2755 00	3055 00
18937	18938	E.&W.All'y in B'k 1980	From Indiana av. to Jefferson av. and bet. Arsenal st. and Crittenden st.	" " " " " " "	....	226 00	34.00	75 00	....	75 00	637 00	712 00
......	18947	N.&S.Alley in Bl'k 795	From Shenandoah av. south 195 ft. and bet. Broadway and 7th st.	" " " " " " "	....	200 00	35.00	....	....	....	672 00	672 00
......	18948	E.&W.All'y in B'k 1979	From Missouri av. to Indiana av. and bet. Arsenal st. and Crittenden st.	" " " " " " "	....	266.00	40.00	....	....	....	750 00	750 00
					15357.00	12607 00	7524.00	$7524 00	$6157 00	$13681 00	$164279 00	$177960 00

TABLE NO. 9.—RECONSTRUCTION OF STREETS AND ALLEYS WITH GRANITE.

SHOWING WORK COMPLETED DURING THE FISCAL YEAR FROM APRIL 13, 1896, TO APRIL 12, 1897.

No. of Ordinance.	No. of Contract.	Contractor.	Street.	From	To	A.—STREETS. Description of Work.	Cost of			Area of Roadway Squares.	Cost of Renewing curb.		Total Length Lineal Feet.	Total Cost of Work.	Payable by Property Owners.	Payable by City.
							Preparing Roadway per Sqr.	Concrete per Square.	Paving per Square.		Per Lineal Foot.	Length Feet Lineal.				
18391	4224	Henry Ruckert ...	Carr st	Wharf	First street.....	7½-8½ inch granite blocks on 8 inches cement concrete...	$3 00	$5 00	$18 80	76.90	$1 00	442.20	251.00	$2,503 12	$2,503 12	....
18488	4225	Henry Ruckert ...	Eighteenth st...	Pine Street	Washington av.	7½-8½ inch granite blocks on 8 inches cement concrete....	3 00	7 00	18 80	188.17	1 00	1726.60	925.00	7,145 90	7,145 90	....
18392	4227	Skrainka Con. Co.	Nineteenth st...	Market st........	Washington av	7½-8½ inch granite blocks on 8 inches coment concrete....	4 00	6 00	18 90	489.56	1 00	2512.11	1336.00	16,660 39	16,660 39	....
18489	4228	Allen and Vieths..	Vandeventer av.	Manchester av..	Olive st.........	7½-8½ inch granite blocks on 8 inches cement concrete....	4 00	5 85	17 25	803.94	1 00	6012.81	3536.00	27,799 59	25,314 21	$2,485 38
										1,558.57		10,693 72	6,048.00	$54,109 00	$51,623 62	$2,485 38

TABLE NO. 9 — *Continued.*

No. of Ordinance.	No. of Contract.	Contractor.	Alley.	Where.	B.—ALLEYS. Description of Work.	Cost of Preparing Roadway per Sqr.	Cost of Concrete per Square.	Cost of Paving per Square.	Area of Roadway Squares.	Total Length Lineal Feet.	Total Cost of Work.	Payable by Property Owners.
18263	4161	Skrainka Constr. Co.	Alley in Block 14	From Washington av. to Lucas av. and bet. Wharf and First st... ...	7½–8½ inch granite blocks on 8 inches cement concrete	$2 00	$6 00	$15 50	47.67	253.00	$1,120 25	$1,120 25
18264	4162	Skrainka Constr. Co.	N. & S. Alley 20 feet wide in Block 66 ...	From Lucas av. south 123 feet and bet. 2d st. and 3d st.	7½–8½ inch granite blocks on 8 inches cement concrete	2 00	6 00	15 50	25 22	123.00	592 67	592 67
18265	4163	Skrainka Constr. Co.	N. & S. Alley in Blk. 84	From Walnut st. to Market st. and bet. 3d st. and 4th st	7½–8½ inch granite blocks on 8 inches cement concrete	2 00	6 00	15 50	44.39	297.00	1,043 17	1,043 17
18267	4164	Skrainka Constr. Co.	Alley in Block 133 ..	From Elm st. to Walnut st. and bet. 6th st. and 7th st....................	7½–8½ inch granite blocks on 8 inches cement concrete	2 00	6 00	15 50	30.08	230.00	706 88	706 88
18268	4165	Skrainka Constr. Co.	Alley in Block 134	From 6th st. to 7th st. and bet. Clark av. and Elm st................	7½–8½ inch granite blocks on 8 inches cement concrete	2 00	6 00	15 50	43.19	270.00	1,014 97	1,014 97
18269	4166	Skrainka Constr. Co.	Alley in Block 167	From Morgan st. to Franklin av. and bet. 7th st. and 8th st..............	7½–8½ inch granite blocks on 8 inches cement concrete	2 00	6 00	15 50	52.44	335.00	1,234 69	1,234 69
18323	4200	Skrainka Constr. Co.	Alley in Block 548	From Wash st. to Carr st. and bet. 13th st. and 14th st..................	7½–8½ inch granite blocks on 8 inches cement concrete	2 00	6 00	15 50	62.82	305.00	1,476 27	1,476 27
									305.81	1,813.00	$7,188 90	$7,188 90

RECONSTRUCTION OF ALLEY WITH GRANITOID.

No. of Ordinance.	No. of Contract.	Contractor.	Alley.	Where.	Description of Work.	Cost of Preparing Roadway per Sqr.	Cost of Concrete per Square.	Cost of Paving per Square.	Area of Roadway Squares.	Total Length Lineal Feet.	Total Cost of Work.	Payable by Property Owners.
18266	4160	St. Louis Quarry and Construction Co....	Southern part of N. & S. Alley in Block 100.	From Pine st. north 92 feet and bet. 4th st. and Broadway...............	6 inch granitoid pavement on 6 inches cement concrete...........................	$2 00	$7 00	$20 00	15.21	92.00	$441 09	$141 09

TABLE NO. 10.— RECONSTRUCTION OF STREETS AND ALLEYS WITH GRANITE.

SHOWING WORK UNDER CONTRACT AND IN PROGRESS AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12, 1897.

No. of Ordinance.	No. of Contract.	Contractor.	Street.	From	To	A.—STREETS. Description of Work.	Cost of			Area of Roadway, Squares.	Cost of Renew'g Curb.		Total Length Lineal Feet.	Estimated Total Cost of Work.	Payable by Property Owners.	Payable by City.
							Preparing Roadway per Sqr.	Concrete per Square.	Paving per Square.		Per Lineal Foot.	Length Feet Lineal.				
18591	4418	Stifel & Ruckert..	Vandeventr av	Olive st	Page boul.	7½-8½ in. Granite blocks on 8 in. cement conc't	$ 2 50	$10 00	$22 25	$1017 00	$ 1 00	$5500 00	$3125 00	$41095 00	$41095 00	....
18699	4471	H. Ruecking & Co.	Mallinck'dt st	First st.....	Broadway.	7½-8½ " " " 8 " " "	2 00	10 00	15 50	166 00	1 00	1230 00	682 00	7040 00	6986 00	$54 00
										$1183 00		$6730 00	$3807 00	$48135 00	$48081 00	$54 00

No. of Ordinance.	No. of Contract.	Contractor.	Alley.	Where.	B.—ALLEYS. Description of Work.	Cost of			Area of Roadway, Squares.	Total Length Lineal Feet.	Estimated Total Cost of Work.	Payable by Property Owners.
						Preparing Roadway per Sqr.	Concrete per Square.	Paving per Square.				
18706	4464	Hill-O'Meara Const. Co..	Alley in block 174.........	From 9th st. to 10th st. and bet. Lucas av. and Morgan st..................	7½-8½ in. Granite blocks on 8 in. cement concrete	$ 2 00	$ 8 00	$15 75	48.00	280.00	$1536 00	$1536 00
18707	4465	" " " "	Alley in block 276.........	From 9th st. to 10th st. and bet. Market st. and Chestnut st..................	7½-8½ in. Granite blocks on 8 in. cement concrete..................	2 00	8 00	15 75	47.00	270.00	1504 00	1504 00
18708	4466	" " " "	E. & W. Alley in block 503	From 11th st. west to N. and S. alley and bet. Pine st. and Olive st......	7½-8½ in. Granite blocks on 8 in. cement concrete..................	2 00	8 00	15 75	49.00	315.00	1568 00	1568 00
18709	4467	" " " "	E. & W. Alley in block 516	From 11th st. west to N. and S. alley and bet. Olive st. and Locust st....	7½-8½ in. Granite blocks on 8 in. cement concrete..................	2 00	8 00	15 75	49.00	315.00	1568 00	1568 00
18710	4468	" " " "	Alley in block 905........	From 20th st. to 21st st. and bet. Chestnut st. and Pine st................	7½-8½ in. Granite blocks on 8 in. cement concrete..................	2 00	8 00	15 75	54.00	338 00	1728 00	1728 00
									247.00	1518.00	$7904 00	$7904 00

TABLE NO. 11.—RECONSTRUCTION OF STREETS AND ALLEYS WITH GRANITE.

SHOWING WORK AUTHORIZED BY ORDINANCE BUT NOT UNDER CONTRACT AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12, 1897.

No. of Ordinance.	Street or Alley.	Where.	Description of Work.	Area of Roadway Squares.	Total Length Lineal Feet.	Estimated Total Cost.	Payable by Property Owners.	Payable by City for Excess over 25 per ct.
18737	Wash st	From Commercial st. to First st.......	7½-8½ in. granite blocks on 8 in. cement concrete	50 00	117 00	$2015 00	$1890 00	$125 00
17873	E. & W. alley in blk. 823......	Bet. Locust st., St. Charles st., 11th and 12th sts.......	7½-8½ " " 8 " "	49.00	315 00	1470 00	1470 00	....
17874	Southern half of N. & S. alley in blk. 823	From Locust st., north to alley and bet. 11th st. and 12th st..	7½-8½ " " 8 " "	24.00	110 00	720 00	720 00	....
18731	E. & W. alley in blk. 528......	From 13th st. to 14th st., bet. Lucas av. and Morgan st.	7½-8½ " " 8 " "	93.00	376.00	2976 00	2976 00	....
				216.00	918.00	$7181 00	$7056 00	$125 00

TABLE NO. 12.—RECONSTRUCTION OF ALLEYS WITH VITRIFIED PAVING BRICK.

SHOWING WORK COMPLETED DURING THE FISCAL YEAR FROM APRIL 13, 1896, TO APRIL 12, 1897.

No. of Ordinance.	No. of Contract.	Contractor.	Alley.	Where.	Description of Work.	Cost of			Area of Roadway Squares.	Total Length Lineal Feet.	Total Cost of Work.	Payable by Property Owners.
						Preparing Roadway per Sqr.	Concrete per Square.	Paving per Square.				
18318	4192	G. M. Conard.	East half of alley, blk. 184	From 7th st. westwardly about 135 feet west of 7th st. and bet. Market st. and Chestnut st.........	Vitrified paving brick on 6 in. cement concrete......	$0 65	$3 20	$11 00	18.20	135.00	$270 27	$270 27
18321	4195	G. M. Conard.	Alley in blk. 431 s	From 10th st. to 11th st. and bet. Chouteau av. and Papin st.................	Vitrified paving brick on 6 in. cement concrete	65	3 20	11 00	89.68	443.00	1331 75	1331 75
18325	4198	G. M. Conard.	N. & S. alley in blk. 1391..	From Victor st. to Lami st. and bet. Lemp av. and Salena st..	Vitrified paving brick on 6 in. cement concrete.....	65	3 20	11 00	86.37	414.00	1282 59	1282 59
18326	4199	G. M. Conard.	Alley in blk. 1812..........	From Jefferson av. to Ohio av. and bet. Rutger st. and Hickory st..................................	Vitrified paving brick on 6 in. cement concrete	65	3 20	11 00	88.94	581.00	1320 76	1320 76
						......	......	.....	283.19	1573.00	$4205 37	$4205 37

TABLE NO. 13.— RECONSTRUCTION OF ALLEYS WITH VITRIFIED PAVING BRICK.

SHOWING WORK UNDER CONTRACT AND IN PROGRESS AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12TH, 1897.

No. of Ordinance.	No. of Contract.	Contractor.	Alley.	Where.	Description of Work.	Cost of			Area of Roadway, squares.	Total length, Lineal feet.	Estimated Total Cost of Work.	Payable by Property Owners.
						Preparing Roadway per sq.	Concrete, per square.	Paving, per square.				
18319	4193	G. M. Conard.	E. & W. Alley in Bl'k 403.	From the south line of east and west alley to Carroll st. and bet. 11th st. and 12th st	Vitrified paving brick on 6-in. cement concrete..	$0 65	$3 20	$11 00	52.00	250 00	$ 936 00	$ 936 00
18320	4194	G. M. Conard.	Alley in Block 405.........	From Emmet st. to Lafayette av. and bet. 11th st. and 12th st..	Vitrified paving brick on 6-in. cement concrete.............	65	3 20	11 00	65.00	300.00	1170 00	1170 00
18322	4196	G. M. Conard.	N. & S. Alley in Bl'k 478 N.	From LaSalle st. to Chouteau av. and bet. St. Ange av. and Dillon st.	Vitrified paving brick on 6-in. cement concrete.............	65	3 20	11 00	54.00	338 00	972 00	972 00
18324	4197	G. M. Conard	Alley in Block 717.........	From Lesperance st. to Geyer av. and bet. 2d st and 3d st.....	Vitrified paving brick on 6-in. cement concrete...	65	3 20	11 00	50 00	226.00	900 00	900 00
									221.00	1114.00	$3978 00	$3978 60

TABLE NO. 14.— RECONSTRUCTION OF ALLEYS WITH VITRIFIED PAVING BRICK.

SHOWING WORK AUTHORIZED BY ORDINANCE BUT NOT UNDER CONTRACT AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12, 1897.

No. of Ordinance.	Alley.	Where.	Description of Work.	Area of Roadway, Squares.	Total Length Lineal Feet.	Estimated Total Cost.	Payable by Property Owners.
18730	Alley in block 507	From 15th st. to 16th st. and bet. Pine st. and Olive st	Vitrified Paving Brick on 6 in. cement concrete	57.00	358.00	$ 1026 00	$ 1026 00
18732	“ “ 495............	From 17th st. to 18th st, and bet. Market st. and Chestnut st.......	“ “ “ 6 “ “ “	52.00	324 00	936 00	936 00
18785	“ “ 270	From Wash st. to Carr st. and bet. High st. and 13th st	“ “ “ 6 “ “ “	39.00	315.00	702 00	702 00
18786	“ “ 934............	From 23d st. to Jefferson av. and bet. Lucas av. and Morgan st....	“ “ “ 6 “ “ “	49.00	220.00	882 00	882 00
18787	“ “ 964.......	From 23d st. to Jefferson av. and bet. Wash st. and Carr st	“ “ “ 6 “ “ “	111.00	529.00	1998 00	1998 00
18788	“ “ 984........ ...	From Beaumont st. to Leffingwell av. and bet. Locust st. and Washington av	“ “ “ 6 “ “ “	76 00	485.00	1368 00	1368 00
18789	E. & W. Alley in block 2288 S.	From Grand av. to Spring av. & bet. Washington bl. & Delmar bl.	“ “ “ 6 “ “ “	224.00	1162 00	4032 00	4032 00
18961	N. & S. Alley in block 271	From Wash st. S. to E. and W. alley and bet. High st. to 13th st...	“ “ “ 6 “ “ “	27 00	225,00	486 00	486 00
				635 00	3618.00	$ 11430 00	$ 11430 00

TABLE NO. 15.—STREET BRIDGES AND CULVERTS.

SHOWING WORK COMPLETED AND IN PROGRESS AT THE CLOSE OF THE FISCAL YEAR ENDING APRIL 12, 1897.

No. of Ordinance.	No. of Contract.	Contractor.	Location.	Description of Work.	Appropriation.	Total Cost of Work.	Unexpended Balance Covered Back into the Treasury.	Balance of Appropriation Available.	Remarks.
18028	....	....	Twelfth st. Bridge....................................	Full reconstruction..	$ 500 00	....	.... ..	$ 500 00	
18245	4167	S. B. Kendall.....	Florissant av. Culvert	Constructing a Stone and Brick Arch Culvert............	4500 00	$ 3957 73	$ 542 27	....	Completed.
18404	4212	Henry Ruckert...	Twenty-first st. Bridge..........................	Reconstructing the present roadway floor	5500 00	5357 11	142 89	....	Completed.
18813	....	....	Jefferson av. Bridge	“ “ “ “ “	3500 00	....	....	3500 00	
18834	....	....	Clark av. Bridge, bet. 18th st. and 20th st.....	Constructing Steel Bridge over tracks of Union Depot Co.	1000 00	....	....	1000 00	

TABLE NO. 16.—STATEMENT OF STREETS MAINTAINED BY CONTRACT.

No. of Contract.	Contractors.	Street.	From	To	Description of Pavement.	No. of Squares.	Completed.	Duration of Maint'nance.			Price per sq. per an. for maint'ce.	Time of Semi-annual payments.		Amounts of semi-annual payments.	Time of first semi-annual payment.
								No. of yrs	Commencing.	Ending.					
1661	Fred Skrainka	Washingt'n av	Compton av ..	Grand av......	6in.tre't'd pine wd.blks.on 6in.cem.con.	725.13	Oct. 7, '87	9	Oct. 7, '88	Oct. 7, '97	$0 50	Apr. 7	Oct. 7	$ 181 28	Apr. 7, '89
1817	B'r As. Pa. Co.	Locust st......	Leffingwell av.	Ewing av......	Trin. as.(monolithic) on 6 in. cem. con	183 39	May 30, '88	9	May 30, '89	May 30, '98	0 50	Nov. 30	May 30	45 85	Nov. 30, '89
1930	Allen & Vieths	Easton av. ...	Leffingwell av.	Garrison av...	6in.tre't'd pine wd.blks.on 6in.cem.con.	388.04	Aug. 20, '88	9	Aug. 20, '89	Aug. 20, '98	0 50	Feb. 20	Aug. 20	97 01	Feb. 20, '90
1793	J. Michel......	Grand av......	Laclede av....	Morgan st....	“ “ “ “ “ “	1,313.78	Aug. 30, '88	9	Aug. 30, '89	Aug. 30, '98	0 50	Feb. 28	Aug. 30	328 44	Feb. 28, '90
1821	H. Ruecking..	17th st.........	St. Charles st.	Washingt'n av	“ “ “ “ “ “	51.96	Oct. 22, '88	9	Oct. 22, '89	Oct. 22, '98	0 50	Apr. 22	Oct. 22	12 99	Apr. 22, '90
1929	Fred Skrainka	Clark av.......	21st st.........	Jefferson av...	“ “ “ “ “ “	523 85	Oct. 31, '88	9	Oct. 31, '89	Oct. 31, '98	0 50	Apr. 30	Oct. 31	130 96	Apr. 30, '90
1822	H. Ruecking.	17th st.........	Pine st.........	St. Charles st.	“ “ “ “ “ “	258 05	Nov. 5, '88	9	Nov. 5, '89	Nov. 5, '98	0 50	May 5	Nov. 5	64 51	May 5, '90
1928	Allen & Vieths	Easton av.....	Garrison av...	Grand av......	“ “ “ “ “ “	665 21	Nov. 15, '88	9	Nov. 15, '89	Nov. 15, '98	0 50	May 15	Nov. 15	166 30	May 15, '90
1794	J. Michel	Grand av......	Morgan st......	Easton av.....	“ “ “ “ “ “	1,068.32	Nov. 26, '88	9	Nov. 26, '89	Nov. 26, '98	0 50	May 26	Nov. 26	267 08	May 26, '90
1927	H. Ruckert....	Morgan st.....	Compton av...	Grand av.....	“ “ “ “ “ “	563.16	Dec. 1, '88	9	Dec. 1, '89	Dec. 1, '98	0 50	June 1	Dec. 1	140 79	June 1, '90
3272	B'r As. Pa. Co.	Chestnut st. ..	20th st.........	Jefferson av..	Trin. as.(monolithic) on 6 in. cem. con.	697 35	Sep. 24, '92	9	Sep. 24, '93	Sep.24, 1902	0 50	Mar. 24	Sep. 24	174 34	Mar. 24, '94
3357	“ “	Olive st.	Boyle av......	Taylor av.....	“ “ “ “	788 69	Nov. 28, '92	9	Nov. 28, '93	Nov.28, 1902	0 50	May 28	Nov. 28	197 17	May 28, '94
3356	“ “	Olive st..	Vandev'ter av.	Boyle av.....	“ “ “ “	625 55	Dec. 9, '92	9	Dec. 9, '93	Dec. 9, 1902	0 50	June 9	Dec. 9	156 39	June 9, '94
3403	“ “	Wash st.......	14th st.........	18th st.........	“ “ “ “	365.95	May 18, '93	9	May 18, '94	May18, 1903	0 50	Nov. 18	May 18	91 49	Nov. 18, '94
3402	“ “	Wash st.......	18th st.	22nd st........	“ “ “ “	362 38	May 23, '93	9	May 23, '94	May23, 1903	0 50	Nov. 23	May 23	90 59	Nov. 23, '94
3400	“ “	Morgan st.....	14th st.........	18th st.........	“ “ “ “	783.24	June 15, '93	9	June 15, '94	Jun.15, 1903	0 50	Dec. 15	June 15	195 81	Dec. 15, '94
3399	“ “	Morgan st.....	18th st.........	Jefferson av...	“ “ “ “	1,141.25	June 27, '93	9	June 27, '94	Jun.27, 1903	0 50	Dec. 27	June 27	285 31	Dec. 27, '94
3479	“ “	Wash st.......	22nd st.	23rd st.........	“ “ “ “	92.42	July 8, '93	9	July 8, '94	July 8, 1903	0 50	Jan. 8	July 8	23 10	Jan. 8, '95
3461	“ “	Carr st........	7th st	8th st..........	“ “ “ “	79.08	July 19, '93	9	July 19, '94	July19, 1903	0 50	Jan. 19	July 19	19 77	Jan. 19, '95
3462	“ “	Carr st........	Broadway.....	7th st	“ “ “ “	165.88	July 19, '93	9	July 19, '94	July19, 1903	0 50	Jan. 19	July 19	41 47	Jan. 19, '95
3478	“ “	6th st..........	Carr st........	O'Fallon st....	“ “ “ “	262.44	July 24, '93	9	July 24, '94	July24, 1903	0 50	Jan. 24	July 24	65 61	Jan. 24, '95
3483	“ “	Jefferson av...	Adams st......	Market st.....	“ “ “ “	468.21	Aug. 22, '93	9	Aug. 22, '94	Aug.22, 1903	0 50	Feb. 22	Aug. 22	117 08	Feb. 22, '95
3486	“ “	McPherson av.	Vandev'ter av.	Taylor av	“ “ “ “	2,093.61	Sep. 1, '93	9	Sep. 1, '94	Sep. 1, 1903	0 50	Mar. 1	Sept. 1	523 40	Mar. 1, '95
3443	“ “	Grand av	St. Louis av...	Montgom'y st.	“ “ “ “	422 81	Sep. 13, '93	9	Sep. 13, '94	Sep.13, 1903	0 50	Mar. 13	Sept. 13	105 70	Mar. 13, '95
3482	“ “	Grand av......	N. Market st..	Montgom'y st.	“ “ “ “	255 54	Sep. 14, '93	9	Sep. 14, '94	Sep.14, 1903	0 50	Mar. 14	Sept. 14	63 88	Mar. 14, '95
3442	“ “	Grand av.....	Easton av.....	N. Market st.	“ “ “ “	673 47	Sep. 30, '93	9	Sep. 30, '94	Sep.30, 1903	0 50	Mar. 30	Sept. 30	168 37	Mar. 30, '95
						15,018.86								$3,754 69	

TABLE NO. 17. — STATEMENT OF THE LENGTH AND COST OF THE RECONSTRUCTION OF STREETS SINCE 1869.

Year.	With Granite.				With Asphaltum (Monolithic) on Concrete base.				With Wooden Blocks (treated) on Concrete Base.				With Ceder Blocks on Concrete Base.			Grand Total.				
	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Miles.	Squares.	Paid by Property Owners.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Total Cost.
1869	0.04	87.60	$3504 00													0.04	87.60	$3504 00		$3504 00
1873	0.06	162.56	13172 75													0.06	162 56	13172 75		13172 75
1874	0.23	862.10	36190 90													0.23	862.10	36190 90		36190 90
1876	0 05	260.60		$9329 24												0.05	260.60		$9329 24	9329 24
1879	0.05	70.00	2749 60													0.05	70.00	2749 60		2749 60
1880-81	0 58	733.63	26426 43													0.58	733 63	26426 43		26426 43
1881-82	0.37	426 14	19010 97													0.37	426.14	19010 97		19010 97
1882-83	1.92	2750.79		129699 74												1.92	2750.79		129699 74	129699 74
1883-84	4.79	7766.47	6223 94	401681 83	2.58	5167.29		$178316 05								7.37	12933 76	6223 94	579997 88	586221 82
1884-85	5.69	8047.18	11661 69	441358 28					1.01	1949 24	$439 68	$74645 44				6.70	9996.42	12101 37	516003 72	528105 09
1885-86	8 53	14833.07	13341 00	821730 48	1.28	2411.90	$5808 11	77458 94								9 81	17244.97	19149 18	899189 42	918338 60
1886-87	8.62	16607.75	18264 12	881982 05					1.34	2248.26		93250 66				9.96	18856.01	18264 12	905232 71	923496 83
1887-88	2 17	4430.15	30237 45	166103 48					0.37	725.13		30911 71				2.54	5155.28	30237 45	197015 19	227252 64
1888-89	6.26	11370.90	109708 72	486195 30	0.10	183.39		6465 22	2 53	4888 23	11658 84	202272 47				8.89	16442.52	121367 56	694932 99	816300 55
1889-90	1.63	2778 91	37949 48	84355 60												1.63	2778.91	37949 48	84355 60	122305 08
1890-91	0.45	623.87	486 89	26720 17									0.65	455.24	$11798 34	1.10	1079.11	486 89	38518 51	39005 40
1891-92	1.59	2703.39	35253 87	101508 23									1.40	1660.25	46029 60	2.99	4363.64	35253 87	147537 83	182791 70
1892-93	1 89	2869 00	8420 55	100223 90	1.31	2111.59	3136 46	77470 98	0.79	1246.34	486 30	40096 89				3.99	6226 93	12043 31	217791 77	229835 08
1893-94	0.71	1063 23	1317 40	41068 51	2.78	5072.77	10712 74	185091 68								3.49	6136.00	12030 14	226160 19	238190 33
1894-95																				
1895-96	0.13	145.99		3797 02												0.13	145.99		3797 02	3797 02
1896-97																1.14	1558.57	2485 38	51623 62	54109 00
	45.76	78593.33	$373919 76	$3625753 83	8 06	14946.94	$19657 38	$524802 87	6.04	11057.20	$12584 82	$441177 17	2.05	2115.49	$57827 94	63.04	108271 53	$408647 34	$4701185 43	$5109832 77

TABLE NO. 18.—STATEMENT OF LENGTH AND COST OF IMPROVEMENT AND RECONSTRUCTION OF STREETS WITH BRICK.

FISCAL YEAR.	Length.		Area.	Cost.		Total Cost.
	Linear Feet.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	
1896-1897	25,958.44	4.91	8,540.85	$3,586 15	$167,673 50	$171,259 65

TABLE NO. 19.—STATEMENT OF THE LENGTH AND COST OF IMPROVEMENT AND RECONSTRUCTION OF ALLEYS WITH GRANITE SINCE 1884.

FISCAL YEAR.	Length.		Area.	Cost.		Total Cost.
	Lin. Feet.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	
1884-1885.................	257.00	0.05	35.53	....	$1,865 33	$1,865 33
1885-1886	240 00	0 05	36.82	....	1,638 49	1,638 49
1887-1888	106.00	0.02	13.91	....	456 51	456 51
1888-1889	6,087.00	1.15	1,047.51	$396 28	50,948 95	51,345 23
1889-1890.................	5,751 00	1.09	962.06	348 56	33,894 90	34,243 46
1890-1891......	6,167.00	1.17	1,031.43	372 43	39,341 35	39,713 78
1891-1892.................	5,065 00	0.96	923 21	828 01	41,402 39	42,230 40
1892-1893	....	.... .	....	. ....	....	....
1893-1894.................	1,694.00	0.32	277.32	13 76	9,674 53	9,688 29
1894-1895.....	3,645.60	0.69	604.89	....	15,969 45	15,969 45
1895-1896	5,224.60	0.99	939.80	....	19,602 62	19,602 62
1896-1897.................	2,064.90	0.39	359.59	78 81	8,221 27	8,300 08
	36,302.10	6 88	6,232.07	$2,037 85	$223,015 79	$225,053 64

TABLE NO. 20.—STATEMENT OF LENGTH AND COST OF IMPROVEMENT AND RECONSTRUCTION OF ALLEYS WITH BRICK.

FISCAL YEAR.	Length.		Area.	Cost.		Total Cost.
	Lin. Feet.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	
1895-1896....	16,330.67	3 09	2,805.86	....	$41,821 89	$41,821 89
1896-1897.................	8,236.48	1.56	1,368.82	....	21,464 28	21,464 28
Totals	24,567.15	4 65	4,174.70	... .	63,286 17	63,286 17

TABLE NO. 21.— WORK DONE IN NUMBERING HOUSES, 1883–1897.

	1883 to 1884.	1884 to 1885.	1885 to 1886	1886 to 1887.	1887 to 1888	1888 to 1889.	1889 to 1890.	1890 to 1891.	1891 to 1892	1892 to 1893.	1893 to 1894.	1894 to 1895.	1895 to 1896.	1896 to 1897	Total.
Number of city blocks surveyed, platted and replatted	2085	600	94	1059	437	343	250	156	.....	.....	.....	.....	.....	.....	5024
" " " " platted, not yet surveyed	....	1143	.....	524	245	222	.....	.....	.....	.....	.....	.....	.....	.....	2134
" " houses located	36154	4893	745	2422	1516	8176	792	981	.....	.....	.....	.....	.....	.....	55679
" " doors found on houses	40781	7700	1069	2917	1783	12754	1113	3419	.....	.....	.....	.....	.....	.....	71536
" " old house number signs found on houses	21500	3401	529	643	1523	6513	701	1742	.....	.....	.....	.....	.....	.....	36552
" " new signs put up	12027	2675	.....	1419	1390	461	47	18	.....	.....	.....	27	11	.....	18075
" " signs made at office	2200	675	.....	1564	1755	511	47	.....	.....	.....	.....	27	11	.....	6790
" " " " by contractor	9827	2000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11827
" " house numbers issued by certificate on application	912	5468	1992	1635	1626	1766	1998	1681	3074	3247	2518	2662	2965	1748	33292
" " " " " to parties sent by police officers	....	2853	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2853
Number of house numbers changed by parties notified from this office	439	675	300	106	151	41	67	33	23	90	68	103	.....	.....	2086
Number of plats constructed for serving notices and changing house numbers	30	37	41	74	22	6	7	1	2	3	.....	5	.....	3	231
Number of house numbers entered on record books	2900	6090	20316	7010	4972	2541	1897	2793	3074	1832	2933	2662	2965	1748	63733
Length of streets measured on both sides in locating houses.	108 miles	75 miles	.....	179 1-4 mil.	84 1·6 miles	87 1-12 mil.	33 1-2 miles	19 mil.	.....	.....	.....	.....	.....	.....	586 miles.
RESURVEYS.															
Number of city blocks resurveyed	....	....	.....	21	99	58	1709	.....	.....	.....	.....	.....	14	.....	1901
" " houses located	....	....	.....	155	1602	1255	1386	.....	.....	.....	.....	.....	89	.....	4487
" " doors found on houses	....	....	.....	197	2017	1622	1548	.....	.....	.....	.....	.....	133	.....	5517
" " house number signs found on houses	....	....	.....	154	1501	1160	536	.....	.....	.....	.....	.....	120	.....	3471

TABLE NO. 22.— SPRINKLING STREETS FOR THE TERM ENDING NOVEMBER 30, 1896.

FOR SPRINKLING SUCH OF THE STREETS AND PUBLIC PLACES AS ARE DESIGNATED BY ORDINANC NO. 17788.

No. of District.	No. of Contract.	Contractor.	Contract Price per Term.	Deductions by Supt. of Sprinkling.	Deductions for Repairing Fire Plugs.	Deductions for Streets Withdrawn.	Total Deductions.	Net Amount Paid Contractors.	Mileage.	Cost per Mile.	Special Tax per Front Foot
											Cent
1	4094	Henry Thies	$1,644 00	....	$ 80 05	$ 19 93	$ 99 98	$ 1,544 02	8.21	$ 200 24	02.
2	4095	" "	1,847 00	....	84 53	50 76	135 29	1,711 71	8.97	205 91	02
3	4096	" "	2,174 00	....	....	....	....	2,174 00	9.94	218 71	02
4	4109	Wm. Gartenbach	1,689 00	....	35 69	15 75	51 44	1,637 56	6.96	242 67	02.
5	4097	Henry Thies	2,599 00	$ 5 00	52 43	....	57 43	2,541 57	8.58	302 91	03.
6	4110	Freeman Wright	1,842 25	22 50	86 59	....	109 09	1,733 16	9.14	201 56	02.
7	4111	" "	2,552 00	....	62 02	70 14	132 16	2,419 84	12.48	204 49	02.
8	4112	" "	2,114 00	5 00	129 90	55 97	190 87	1,923 13	10.42	202 88	02.
9	4113	" "	1,974 00	20 00	55 35	....	75 35	1,898 65	9.76	202 25	01.
10	4114	" "	2,124 50	....	22 26	....	22 26	2,102 24	9.23	230 17	02.
11	4098	Fred Stahl	2,450 00	5 00	20 35	18 68	44 03	2,405 97	10.76	227 70	02.
12	4115	Freeman Wright	2,844 50	....	57 45	....	57 45	2,787 05	11.91	238 83	02.
13	4099	Jacob Pfeifle	2,040 00	....	65 98	....	65 98	1,974 02	7.72	264 25	02.
14	4116	Mueller Coal, Heavy Hauling & Transf. Co.	1,769 00	2 50	157 98	....	160 48	1,608 52	8.05	219 75	02.3
15	4100	Fred Stahl	2,249 00	127 50	67 69	....	195 19	2,053 81	8.51	264 28	02.7
16	4117	Freeman Wright	3,440 00	35 00	5 67	....	40 67	3,399 33	13.80	249 28	02.5
17	4118	" "	2,100 00	170 00	53 47	....	223 47	1,876 53	8.83	237 83	02.5
18	4119	Fred Ziegler	1,734 00	....	40 68	....	40 68	1,693 32	6.45	268 84	02.7
19	4101	Jacob Pfeifle	1,540 00	....	....	....	....	1,540 00	6.34	242 90	02.4
20	4102	Fred Stahl	1,750 00	92 50	102 42	....	194 92	1,555 08	6.92	252 89	02.7
21	4120	J. P. Schureman	1,543 00	10 00	129 02	....	139 02	1,403 98	7.38	209 08	02.3
22	4121	Mueller Coal, Heavy Hauling & Transfer Co.	1,749 00	12 50	78 80	....	91 30	1,657 70	6 97	250 93	02.7
23	4122	" " "	1,499 00	....	39 72	....	39 72	1,459 28	6.24	240 22	02 6
24	4123	J. P. Schureman.	1,543 00	15 00	15 24	....	30 24	1,512 76	6.98	221 06	02.3
25	4124	H. C. Pollman & Bros. Coal & Sprinkling Co.	1,443 00	5 00	143 39	....	148 39	1,294 61	6.97	207 03	02.1
26	4125	" " "	1,935 00	5 00	91 04	....	96 04	1,838 96	9.17	211 01	02.2
27	4126	" " "	1,333 00	....	35 88	....	35 88	1,297 12	5.71	233 45	02.4
28	4103	Wade Bros. Construction Co.	1,467 00	....	133 99	....	133 99	1,333 01	5.83	251 63	02 6
29	4127	Mueller Coal, Heavy Hauling & Transfer Co.	1,474 00	....	28 58	....	28 58	1,445 42	6 23	236 60	02.5
30	4104	Wade Bros. Construction Co.	2,027 00	....	87 31	....	87 31	1,939 69	7.57	267 77	02.8
31	4105	" " " "	1,957 00	5 00	212 41	....	217 41	1,739 59	7.06	277 20	03.0
32	4128	J. P. Schureman	1,543 00	....	80 63	....	80 63	1,462 37	7.29	211 66	02.2
33	4129	" "	1,543 00	....	146 18	....	146 18	1,396 82	7.34	210 22	02 2
34	4130	" "	1,543 00	....	124 18	....	124 18	1,418 82	7.92	194 82	01.9
35	4131	" "	1,723 00	....	77 78	....	77 78	1,645 22	8.72	197 59	02.0
36	4132	H. C. Pollman & Bros. Coal & Sprinkling Co.	2,693 00	....	148 10	....	148 10	2,544 90	15.39	174 98	01 8
37	4106	Aug. and John C. Heman	2,200 00	....	147 82	....	147 82	2,052 18	9.33	235 80	02.4
38	4133	H. C. Pollman & Bros. Coal & Sprinkling Co.	1,535 00	5 00	144 05	....	149 05	1,385 95	6.54	234 71	02.4
39	4134	" " "	1,365 00	....	154 45	24 73	179 18	1,185 82	6.62	206 19	02.2
40	4135	" " "	1,445 00	....	129 76	....	129 76	1,315 24	8.04	179 73	01.8
41	4136	" " "	1,335 00	....	194 37	....	194 37	1,140 63	7.16	186 45	01.9
42	4137	" " "	2,033 00	....	53 02	....	53 02	1,979 98	11.72	173 46	01.8
43	4138	Chas. A. Kalbfell	2,195 00	....	63 08	....	63 08	2,131 92	9 05	242 54	02.4
44	4139	H. C. Pollman & Bros. Coal & Sprinkling Co.	1,735 00	....	23 63	....	23 63	1,711 37	9 08	191 08	01.9
45	4140	J. P. Schureman	1,745 00	....	82 54	31 86	114 40	1,630 60	10.25	170 24	01.6
46	4141	" "	1,455 00	....	....	....	....	1,455 00	7 31	199 04	02.0
47	4142	" "	1,595 00	....	104 69	....	104 69	1,490 31	8.96	178 01	01.7
48	4143	" "	2,193 00	2 50	....	....	2 50	2,190 50	11.19	195 98	01.9
49	4144	" "	3,245 00	2 50	159 99	....	162 49	3,082 51	11.33	286 41	02.9
50	4107	Aug. and John C. Heman	2,340 00	....	....	....	....	2,340 00	10.01	233 77	02.3
51	4108	" " "	2,250 00	....	31 76	....	31 76	2,218 24	11.27	199 65	02.0
52	4145	Rosedale Contract. & Sup. Co.	2,999 00	....	13 73	....	13 73	2,985 27	9.99	300 20	02 9
53	4146	" " "	2,899 00	....	32 91	130 98	163 89	2,735 11	10 52	275 57	02.7
54	4147	" " "	2,999 00	....	27 80	....	27 80	2,971 20	9.22	325 27	03.2
			$107,054 25	$547 50	$4,116 36	$418 80	$5,082 66	$101,971 59	473.34	$226 17 Av.	$02.3 Av.

TABLE NO. 23.—GENERAL INFORMATION.

LENGTH AND CHARACTER OF STREET AND ALLEY IMPROVEMENTS—APRIL, 1897.

A.—STREETS.	Feet.	Miles.	Feet.	Miles.
1. MACADAM.				
Length on April 1st, 1896	1,411,155	267.26		
In deduction: Macadam streets reconstructed during the year ending April 1st, 1897	2,512	0.47		
Remaining	1,408,643	266.79		
In addition: Macadam streets completed during the year ending April 1st, 1897	5,330	1.01		
Total April 1st, 1897			1,413,973	267.80
2. WOOD.				
a. Wooden blocks (treated on concrete base). Length, April 1st, 1896	27,770	5.26		
No addition during the year ending April 1st, 1897				
Total April 1st, 1897			27,770	5.26
b. Wooden blocks (Pine wood, not treated, on concrete base). Length, April 1st, 1896	5,516	1.04		
No addition during the year ending April 1st, 1897				
Total, April 1st, 1897			5,516	1.04
c. Cedar blocks on concrete base. Length, April 1st, 1896	10,800	2.05		
No addition during the year ending April 1st, 1897				
Total, April 1st, 1897			10,800	2.05
3. LIMESTONE BLOCKS.				
Length on April 1st, 1896	4,454	0.84		
No addition during the year ending April 1st, 1897				
Total, April 1st, 1897			4,454	0.84
4. GRANITE BLOCKS.				
Length on April 1st, 1896	242,821	45.99		
In addition: Streets reconstructed during the year ending April 1st, 1897	6,045	1.14		
Total, April 1st, 1897			248,866	47.13
5. ASPHALTUM PAVEMENT (monolithic on concrete base).				
Length on April 1st, 1896	47,659	9.03		
No addition during the year ending April 1st, 1897				
Total, April 1st, 1897			47,659	9.03
6. VITRIFIED BRICK.				
Length on April 1st, 1896	1,100	0.21		
In addition: Streets improved with vitrified brick during the year ending April 1st, 1897	25,958	4.91		
Total, April 1st, 1897			27,058	5.12
TELFORD PAVEMENT.				
Length on April 1st, 1896	287,297	54.41		
In addition: Telford streets completed during the year ending April 1st, 1897	23,917	4.53		
Telford streets completed privately (under permit)	17,792	3.37		
Remaining	329,006	62.31		
In deduction: Telford streets reconstructed with granite during the year ending April 1st, 1897	3,533	0.67		
Total, April 1st, 1897			325,473	61.64
Total length of improved streets, April 1st, 1897			2,111,569	399.91

TABLE NO. 23. — GENERAL INFORMATION. — *Continued.*

B.— ALLEYS.	Feet.	Miles.	Feet.	Miles.
1. PAVED WITH LIMESTONE.				
Length on April 1st, 1896.	455,437	86.26		
In deduction: Alleys reconstructed with granite, brick and artificial stone flagging during the year ending April 1st, 1897.	3,517	0.67		
Remaining	451,920	85.59		
In addition: Alleys paved with limestone during the year ending April 1st, 1897	1,934	0.37		
Total, April 1st, 1897.			453,854	85.96
2. PAVED WITH GRANITE.				
Length on April 1st, 1896.	34,437	6.52		
In addition: Alleys constructed and reconstructed during the year ending April 1st, 1897.	2,063	0.39		
Total, April 1st, 1897.			36,500	6.91
3. PAVED WITH ARTIFICIAL STONE FLAGGING.				
Length on April 1st, 1896.	3,593	0.68		
In addition: Alley reconstructed during the year ending April 1st, 1897	92	0.02		
Alleys made privately (under permit)	480	0.09		
Total, April 1st, 1897.			4,165	0.79
4. PAVED WITH VITRIFIED BRICK.				
Length on April 1st, 1896.	16,610	3.15		
In addition: Alleys constructed and reconstructed during the year ending April 1st, 1897.	8,236	1.56		
Alley reconstructed privately (under permit).	173	0.03		
Total, April 1st, 1897.			25,019	4.74
5. PAVED WITH ASPHALTUM.				
Length on April 1st, 1896.	150	0.03		
No addition during the year ending April 1st, 1897.				
Total, April 1st, 1897.			150	0.03
Total length of improved alleys, April 1st, 1897.			519,688	98.43

TABLE NO. 23. — GENERAL INFORMATION — *Continued.*

MISCELLANEOUS.

AREAS OF THE VARIOUS CITY LIMITS:

Territory within limits of 1839	477.25	acres or	0.75	square miles	(excluding the river).
" " " 1841	2,865.10	"	4.48	"	" "
" " " 1855	8,823.25	"	13 94	"	" "
" " " 1870	11,504.75	"	17.98	"	" "
" " " 1876	39,276.25	"	61 37	"	" "

DISTANCES:

1. Length of river front	19 15	miles.
2. " western city limits	21.27	"
3. " city from extreme north to south (air line)	17.00	"
4. " " " east to west	6.62	"

ELEVATIONS:

City Directrix upon which all elevations are based, is the top of a square flat stone set level with the curb on the west side of the wharf, between Walnut street and Market street — 0.00 (being the high water mark of the year 1826).

Height of City Directrix above mean tide Gulf of Mexico, as determined by the Mississippi River Commission, is 412.71 feet.

Highest Stage of River — June 27th, 1844	7.58	feet above City Directrix (as observed at foot of Market street).
Stage of River — June 10th, 1851	2.80	" " " " " " "
" " — June 15th, 1858	3.30	" " " " " " "
" " — June 26th, 1883	0.99	" " " " " " "
" " — May 20th, 1892	2.36	" " " " " " "
Lowest Stage of River — December 21st, 1863	33.81	" below " " " " "
Stage of River — December 27th, 1860	33.21	" " " " " " "
" " — December 9th, 1893	33.74	" " " " " " "
Difference between highest and lowest stage of river	41.39	feet.

TABLE SHOWING MILEAGE OF IMPROVED STREETS AND THE COST OF IMPROVEMENTS DURING FISCAL YEARS 1876 TO INCLUDE 1897.

NUMBER OF MILES OF IMPROVED STREETS AND COST OF CONSTRUCTION.

NAME OF COMMISSIONER.	Fiscal Year.	Granite.	Asphaltum.	Asphaltum Blocks.	Wood.	Nicholson Pavement.	Brick.	Improved Telford.	Telford.	Macadam.	Limestone Blocks.	Cost to City.	Cost to Owners.	Total Reconstructed.	Total Constructed.	Grand Total Improved Streets.	REMARKS.
Charles Pfeifer	1876-1877	....	....	..	....	....	....	....	....	....	....	....	$ 99,330 27	....	..	$252 09	* *old limits only Records incomplete.
John W. Turner	1877-1878	....	..	....	....	....	....	....	....	....	..	....	12,428 35	....	....	304 71	
" "	1878-1879	....	....	....	....	....	....	...	1.05	0.69	0.13	$ 3,926 46	33,462 04	....	1.87	306 58	
" "	1879-1880	....	...	...	..	....	....	....	1.09	0.07	....	16,977 87	20,342 07	...	1.16	307 74	
" "	1880-1881	....	....	....	....	....	....	....	0.90	1.78	....	12,507 25	26,980 00	...	2.68	310 42	
" "	1881-1882	...	...	....	....	....	....	...	0.69	1.12	....	14,238 25	25,959 87	....	1.81	312 23	
" "	1882-1883	1.06	....	0.09	....	....	....	....	0.69	2.16	....	5,120 11	173,241 66	2.02	2.85	315 08	
" "	1883-1884	4.79	2.58	....	....	..	....	....	0.66	0.37	....	7,562 94	604,085 54	7.37	1.03	316 11	
" "	1884-1885	5.69	....	....	1.01	....	....	....	0.66	3.50	....	17,311 84	600,992 53	6.70	4.16	320 27	
" "	1885-1886	8.53	1 28	....	...	....	....	....	. ..	0.61	....	20,011 39	905,698 34	9.81	0.61	320 86	
" "	1886-1887	8.62	....	....	1.34	....	....	....	2.46	1.39	...	18,264 12	905,232 71	9 96	3 85	324 71	
" "	1887-1888	2 32	...	....	0.37	....	....	....	1.67	1.02	0.08	33,224 60	205,172 91	2.53	2.93	327 64	
George Burnet	1888-1889	6.36	0.09	...	...	....	...	....	4.16	4.68	....	12,716 62	854,076 90	6.35	8.94	336 58	
" "	1889-1890	1.74	....	....	....	....	...	....	4.67	0.89	....	51,475 69	253,634 61	2.13	5.17	341 75	
M. J. Murphy	1890-1891	0.54	....	....	0.65	....	....	....	3.98	1.34	....	3,707 72	175,830 56	0.68	5.83	347 58	
"	1891-1892	1.59	....	....	1.40	....	....	.. .	7.25	1.45	....	41,533 19	365,384 61	4.19	7.50	355 08	
"	1892-1893	1.89	1.31	....	0.79	....	....	....	3.76	2.50	....	12,236 92	274,625 45	3.38	4.37	359 45	
"	1893-1894	0.76	3.76	...	....	....	....	...	2.41	1.19	....	10,712 74	185,061 98	3.49	4.63	364 08	
"	1894-1895	.. .	...	....	...	....	....	0.16	7.61	0.36	....	Paid by pri	vate Parti's	0.16	7.97	372 05	
A. N. Milner	1895-1896	0.17	....	....	....	...	0.21	1.02	10.06	2.75	....	1 356 22	138,380 66	0.17	14.04	386 09	
"	1896-1897	1.12	....	....	....	....	4.92	....	8.80	0.58	....	8,779 95	291,015 60	1.12	14.30	400 39	

TABLE SHOWING MILEAGE OF IMPROVED ALLEYS AND THE COST OF IMPROVEMENTS, ALSO MILEAGE OF UNIMPROVED STREETS AND ALLEYS DURING THE FISCAL YEARS 1876 TO INCLUDE 1897.

Name of Commissioner.	Fiscal Year.	Number of Miles of Improved Alleys, and Cost of Construction.										Miles of Unimproved Streets and Alleys.		Remarks.
		Granite.	Asphaltum.	Art. Stone Flagging.	Brick.	Limestone Blocks.	Cost to City.	Cost to Owners.	Total Reconstructed.	Total Constructed.	Grand Total Improved Alleys.	Unimproved Streets.	Unimproved Alleys.	
Charles Pfeifer	1876-1877	....	....	..	....	....	....	$29,105 77	....	....	....	No records kept heretofore.	No records kept heretofore.	Records imcomplete.
John W. Turner	1877-1878	....	....	....	....	....	....	2,847 48	....	....	55 56			do.
"	1878-1879	...	....	....	....	2.72	$1,589 15	33,773 58	....	2.75	58 31			
"	1879-1880	....	....	....	...	1.77	3,912 14	18,509 82	...	1.77	60.08			
"	1880-1881	....	....	....	....	0.80	1,660 98	8,874 86	....	0.80	60.88			
"	1881-1882	....	....	...	....	1.47	6,156 73	17,971 34	....	1.47	62.35			
"	1882-1883	....	....	....	...	2.47	1,219 13	38,036 04	....	2.47	64.82			
"	1883-1884	....	..	....	....	1.27	831 41	18,973 39	....	1.27	66.09			
"	1884-1885	0.04	....	....	....	2 36	400 61	33,381 60	0.04	2 36	68.45			
"	1885-1886	0.05	....	....	....	0.91	3 13	12,901 68	0.05	0.91	69.36			
"	1886-1887	...	....	...	....	2.53	588 52	31,650 08	....	2.53	71.89			
"	1887-1888	0.02	....	...	....	1.23	* 37 60	* 456 51	..	1.25	73.14			* For reconstruction only, records lost.
George Burnet	1888-1889	1.15	....	....	....	3.25	911 24	89,169 68	1.10	3.30	76.44			
"	1889-1890	1 09	...	....	....	3.78	1,511 22	84,934 40	1.09	3.78	80.22			
M. J. Murphy	1890-1891	1.17	....	0.06	....	4.39	2,550 02	99,059 42	1.11	4.45	84.67			
"	1891-1892	0.96	....	0.04	....	3.94	....	39,346 70	1.00	3.94	88.61			
"	1892-1893	....	....	0.17	....	0 89	6 47	12,636 05	0.17	0 89	89.50			
"	1893-1894	0.32	0.03	0.10	....	1.67	276 50	31,518 52	0.45	1.67	91.17	485.39	198.78	
"	1894-1895	0.69	....	0.22	....	....	....	15,969 45	0.69	0.22	91.39	485.28	200.39	
A. N. Milner	1895-1896	1.02	....	0.10	3.18	3.35	50 72	93,263 96	2.37	5.23	96.62	479.10	202.10	
"	1896-1897	0.39	....	0.07	1.59	0.37	....	21,893 26	0.65	1.77	98.39	....	....	

TABLE SHOWING CURRENT AND MISCELLANEOUS EXPENSES DURING THE FISCAL YEARS 1876 TO INCLUDE 1897.

Name of Commissioner.	Fiscal Year.	CURRENT AND MISCELLANEOUS EXPENSES.									Remarks.
		Street Commissioner's Department.	Street Repairs	Street Clean'g	Bridges and Culverts.	Sprinkling.	Miscellaneous Expenses.	Construction of Streets and Alleys.	Reconstructi'n of Streets and Alleys.	Total Amount Expended.	
Charles Pfeifer	1876–1877	$ 30872 23	$198038 31	$ 76684 84	$ 1608 69	$ 269 00	$183294 05	....	....	$ 490766 61	
John W. Turner	1877–1878	16295 60	237320 56	40312 09	3309 26	322 22	257380 98	$ 47741 88	....	643087 82	
"	1878–1879	36280 47	230889 91	60070 62	14361 13	....	262410 43	44647 29	....	648944 85	
"	1879–1880	28996 17	244052 79	66970 43	12365 37	235 00	272357 44	....	....	624977 20	
"	1880–1881	33571 90	250889 82	68993 13	63008 71	....	281907 59	31493 55	....	729864 70	
"	1881–1882	31119 16	255976 44	101372 61	88451 45	....	282637 76	27211 03	....	786768 45	
"	1882–1883	35240 77	197667 95	96849 80	60833 66	....	288349 45	35844 99	....	714795 62	
"	1883–1884	36601 40	245520 70	118592 26	33808 10	....	303806 98	14977 13	$ 5092 16	758398 73	
"	1884–1885	41191 13	251039 45	153353 55	165332 83	....	308456 72	73871 21	12406 43	1005651 32	
"	1885–1886	40978 07	237394 73	142304 79	62617 63	....	311611 40	28242 33	19146 50	842295 45	
"	1886–1887	44895 30	268413 96	164221 79	140820 65	....	302247 16	44840 12	18264 12	983703 10	
"	1887–1888	42183 90	295395 26	123299 24	77644 74	75727 53	312116 05	39586 24	30237 45	996190 41	
George Burnet	1888–1889	65577 72	314113 85	149260 49	199391 26	165923 00	329306 69	95845 85	122275 03	1441693 89	
"	1889–1890	66122 82	338654 82	149795 56	94672 08	128192 42	251321 77	106242 41	40269 08	1175274 96	
M. J. Murphy	1890–1891	68971 82	369052 72	159976 21	92019 84	161159 75	*17271 11	93420 58	1759 63	963631 66	*Electric Lighting.
"	1891–1892	79299 90	354372 83	190496 81	157682 75	177903 61	17422 21	112195 68	35253 87	1124528 66	
"	1892–1893	85226 72	330659 83	198332 17	79571 85	183414 92	17184 20	60214 86	8847 20	*963451 75	*Annual Rep. says $993,452 49
"	1893–1894	73543 04	347520 69	205999 10	27195 18	148089 46	20376 43	49627 99	12391 42	884743 31	
"	1894–1895	76357 87	350430 54	228346 44	28129 81	145082 13	51097 82	....	852 93	879444 61	
A. N. Milner	1895–1896	77907 74	346822 43	222089 80	32710 14	115896 42	21272 87	38843 40	....	855473 80	
"	1896–1897	....	....	....	....	....	....	....	....	834303 50	
										$1689777 30	

ANNUAL REPORT

OF THE

Commissioner of Public Buildings,

For the Fiscal Year ending April 12, 1897.

OFFICE OF COMMISSIONER OF PUBLIC BUILDINGS.
ST. LOUIS, MO., April 17, 1897.

Hon. Robert E. McMath, President Board of Public Improvements:

DEAR SIR — I have the honor to submit herewith for transmission to his Honor the Mayor the annual report of this department, for the fiscal year ending April 12th, 1897: —

During said year, a new Lying-in Ward attached to the Female Hospital, and a new Engine House (No. 7) located on 18th street between Park av. and Hickory street.

An erysipelas ward at the Quarantine Hospital.

Barracks for paupers at the Poor House.

Boiler house and laundry at the temporary City Hospital have been erected and completed.

Two new engine houses, located at Union avenue, near Cote Brilliante avenue and Baden, respectively, are now in course of erection.

Also the reconstruction of Soulard Market.

Damages caused by the tornado were repaired under my supervision, at the Work House, House of Refuge, Insane Asylum, Female Hospital, Poor House, Old City Hall, Four Courts, Jail, Court House and Union Market, also the alterations, additions and repairs of the building being now temporarily used for a City Hospital.

DETAILED STATEMENT OF BUILDING IMPROVEMENTS FOR FISCAL YEAR ENDING APRIL 12TH, 1897, AND FEES RECEIVED FOR PERMITS.

MONTHS.	NEW BRICK BUILDINGS.		NEW FRAME BUILDINGS.		BRICK AND FRAME.	TOTAL COST.	FEES.
	No. of Permits.	Estimated Cost.	No. of Permits.	Estimated Cost.	Estimated Cost of Additions and Alterat'ns.		
April 9th to 30th	129	466,100	46	$15,654	$20,390	$502,144	$360 00
May	171	544,659	50	29,969	19,309	593,937	416 50
June	111	902,530	43	25,989	76,458	1,004,977	544 00
July	168	973,253	62	39,160	33,459	1,045,872	592 00
August	194	704,236	60	26,121	53,775	789,132	471 00
September	174	452,845	69	33,002	29,565	515,412	397 00
October	180	441,722	56	20,813	68,390	530,925	399 00
November	176	572,246	44	20,813	14,543	607,602	398 00
December	199	618,724	40	18,480	15,650	652,854	440 50
January	172	553,864	50	55,165	12,190	621,219	421 00
February	188	529,882	39	19,375	14,782	564,039	410 50
March	234	641,500	61	22,437	28,070	692,007	515 00
April 12	103	453,645	16	2,995	3,110	459,750	290 50
Total	2199	7,860,206	636	329,973	389,691	8,579,870	5,655 00

The following cases of violations of building ordinances were reported by the Inspection Department and were properly attended to:—

Buildings being erected without permits	256
Faulty and defective construction	27
Dangerous and insecure buildings	490
Notifications to erect fire escapes and iron shutters	1
Smoke-stacks too low	6
Chimneys low and dangerous	5
Violation of building ordinances reported to City Attorney for prosecution.	3
Permits withdrawn	6
Removal of signs	9
Violation of the building ordinance reported to this office by the Police Department	237

The majority of cases of violation of ordinance were rectified by notifying the proper parties and prosecution was not necessary.

Careful examinations of all city buildings were made recently, with the view or determining what is needed in shape of repairs and improvements, and estimates thereof will be made.

All repairs of the various public buildings under my supervision were done satisfactorily and as cheaply as possible. In cases of emergency I have been compelled to have some repairs done, exceeding the appropriations, which were in some instances too low, and therefore I hereby respectfully suggest that for the coming fiscal year the appropriations for repairs, alterations, etc., of the City buildings be made greater than those for the past year.

The following is a detailed list of expenditures from the funds controlled by this department:—

COMMISSIONER OF PUBLIC BUILDINGS.— Salaries of commissioner, deputy, inspectors, draftsmen, superintendent and clerk........	$15,333 13
Keeping and shoeing horses, repairing vehicles and harness, office expenses, furniture repairs, stationery, printing drafting materials and other petty expenses..	3,264 70
Total..................	$18,597 83

CITY HALL: SALARIES AND CURRENT EXPENSES.— Salaries of janitors and watchman	$7,920 00
For awnings and repairing same, fuel, ice, hauling ashes, etc., night watch signals, towels and washing same and other petty expenses	4,013 52
Total..	$11,933 52

COURT HOUSE: SALARIES AND CURRENT EXPENSES.— Salaries of janitors, engineers, fireman and watchman.....................	$6,890 00
Awnings and repairing same, fuel, ice, hauling ashes and rubbish, night watch signals, towels and washing same, brooms, brushes, dusters and other petty expenses..............................	3,141 61
Total..	$10,031 61

FOUR COURTS BUILDING, SALARIES AND CURRENT EXPENSES.— Salaries of janitors, engineers, fireman, coal-passers and watchman..	$8,560 00
For awnings and repairing same, fuel, ice, hauling ashes, etc., night watch signals, towels and washing same, brooms, dusters, supplies and other petty expenses....................................	4,432 36
Total	$12,992 36

NEW CITY HALL: SALARIES AND CURRENT EXPENSES.— Salaries of janitors, engineers, fireman and watchman....................	$3,405 00
Awnings and repairing same, fuel, ice, hauling ashes and rubbish, towels and washing same, brooms, brushes, dusters and other petty expenses..	2,579 03
Total..	$5,984 03
Salary of janitor of Second District Police Court..................	$660 00

The following is a list of plans and specifications, submitted to the Board of Public Improvements for approval, etc.:—

Repairs and alterations of engine houses Nos. 17, 36, 27, 9, 13, 17, 19, 29, 30, 31, 32, 33, 34, 23, 12 and 18.

Also alterations of horse hospital.

New Engine House (No. 7) located on Eighteenth street, between Park avenue and Hickory street.

New Engine House located on Union avenue, between Patton and Cote Brilliante avenue.

New Engine House located at Baden, near Junction of Hall's Ferry road.

CITY HALL.— Plans and specifications for alteration in City Dispensary.

FOUR COURTS AND JAIL.— Specifications for painting rooms and furniture of Criminal Court of Correction, repairs and alterations of boilers, radiators, wire screen over large sky-light in jail, whitewashing interior walls of jail, ceiling and walls of jailer's kitchen. Changes in Judge Withrow's court.

FEMALE HOSPITAL.— Plans and specifications for new lying-in ward, iron guard and gates, steam heating, brick vaults, granitoid floor and elevator.

POOR HOUSE.— Plans and specifications for porch, plumbing, temporary quarters for male paupers, steam heating apparatus for same.

INSANE ASYLUM.—Plans and specifications for new floor in Cottage.

TEMPORARY CITY HOSPITAL.—Plans and specifications for temporary boiler room and laundry.

HOUSE OF REFUGE.— Plans and specifications for plumbing in girls' department.

WORK HOUSE.— Plans and specifications for new smoke-stack and plumbing in Superintendent's residence.

QUARANTINE HOSPITAL.— Plans and specifications for new smoke-stack.

SOULARD MARKET.— Plans and specifications for reconstruction.

Very respectfully yours,

J. HARRY RANDALL,
Commissioner of Public Buildings.

ANNUAL REPORT

OF THE

Park Commissioner of the City of St. Louis,

For the Fiscal Year ending April 12, 1897.

Office of the Park Commissioner,
City Hall, April 12, 1897.

To the Honorable Board of Public Improvements:

Gentlemen —In conformity with the Charter I make to the Honorable Board my report of the work done in the public parks under my control, and the condition of the Park Department during the fiscal year 1896–97:—

During this fiscal year the parks were subject to more damages by the elements than in any previous year.

The devastation caused by hailstorms and the great cyclone of May 27, 1896, stopped all contemplated improvements. The small amount dealt out for the maintenance of the parks scarcely sufficient for that purpose had to be applied to the most necessary repairs. In many of the parks the cleaning up and removal of the blown down and crippled trees took up all the funds appropriated.

Rainstorms in Forest Park alone cause so much damage in broken-down trees, wrenched off limbs, wash-outs, overflows, land-slides and sweeping off of gravel, that it sometimes takes the whole working force a week or two to restore the park to its former cleanliness and order.

The River des Peres is a source of damage and expense to the city. It drains twenty-one square miles, a great surface of country, so that any heavy rain causes it to overflow its banks. Its tortuous course retards the quick passing off of the very fast accumulating floods.

The course of this creek ought to be thoroughly studied in the park and above and below the limits of the park. It should be entirely reconstructed and improved and the banks made to hold its waters.

The laying of the dust on the park drives made an increase of sprinklers and draft animals necessary and will do so this coming season.

Our bicycle-riding population is constantly increasing and so are their demands for better roads and more paths in the parks. The Park Department as far as its means allow will endeavor to comply with any just demands in this direction.

The demand of the public for later hours at the park concerts has been complied with and the time fixed from 5 to 8 o'clock p. m. on week days, and from 4 to 7 o'clock p. m. on Sundays. The Sunday concerts were established on petition of the frequenters of the concerts and for the benefit of the working classes.

I urgently call the attention of the authorities to the poor and unsafe condition of the main entrance to Forest Park under the Wabash railroad. It is at times almost congested with vehicles, pedestrians, bicycles, etc., and accident is liable to occur at any time unless a better and larger entrance is provided. I have plans made to remedy the evil and only need the funds.

We need more water facilities, extension of pipe, etc., have asked for more money for this purpose. We should have more made roads. Attendance has increased wonderfully.

I am greatly indebted to the General Superintendent of Parks, Mr. William Pape, for the beautiful ornamentation of our parks.

He has fitted out the propagating and green houses in Forest Park, six in number, with great care and the most modern appliances for saving fuel and labor.

The small greenhouses at Benton and Hyde Park have been abolished and the whole concentrated at Forest Park under one head and one control.

He has done and is doing remarkably well with the small means at his command and his work will bear comparison with that shown in the parks of other cities, much more liberal in their appropriation than is St. Louis.

It is to be hoped that our public may be educated up to the point that other cities have already reached, and that is to love our floral displays and assist in protecting them from the hands of vandalism.

ENGINEER'S REPORT.

Hon. Franklin L. Ridgely, Park Commissioner:

DEAR SIR — I have the honor to submit to you the accompanying report of proposed work that is required in Forest Park and which should be taken in hand during the present fiscal year.

Yours respectfully,
JOHN DEAN,
Engineer.

REPORT OF ENGINEER ON PROPOSED IMPROVEMENTS — FOREST PARK.

The Franklin bridge over the River des Peres carrying the grand drive road was destroyed by the flood of April 1, 1897.

This bridge will have to be rebuilt and should be a permanent structure either stone or a monolithic concrete. A wooden bridge at best is only a temporary structure and would have to be replaced in a few years, besides being a constant source of expense for repairs while it lasts, in addition it necessarily has to be of several spans, which obstruct the stream, thus making it liable to be carried away by the heavy drift wood brought down by each flood, while a permanent bridge would be built with one span, giving ample room for the drift of the flood water to get away.

In a park a wooden bridge seems out of place, while a stone or iron bridge can be built to conform to the natural surroundings.

The great increase of travel in Forest Park calls for the extension of the gravel roads in the western portion of Forest Park. There are about eighteen miles of roadways in Forest Park, and of these only about seven miles are improved, and this is all in the eastern portion of the park. With the constant growth of the suburbs an improved road that can be traveled all the year round is required to the southwest corner of the park.

The two roads traversing the picnic grounds, and the road from Union avenue to the Deer Park, are only dirt roads that are heavily traveled and should be improved this season. The water pipe system should be extended, so that the roads in the west end of the park can be sprinkled.

At present water would have to be hauled more than a mile to sprinkle some of the roads.

This renders these roads almost impassable in dry weather because of the dust. With the increase of picnics this water is also badly needed in the western picnic grounds.

The present location of the Deer Park is very unhealthy. Every heavy flood overflows the paddock, and the last flood in April flowed over the high fence, carrying away and drowning several full grown deer. It is intended to remove the Deer Park to the hill-side south of the stables, which is a more natural position for it, and to build a keeper's house and animal shed in the paddock, as the keeper should be constantly on the ground on account of accidents and casualties which will occur where so many animals are kept.

The landslide on each side of the Lincoln bridge has grown larger year by year and has now reached the point where, unless some action is at once taken, serious inroads will be made in the park; already on the west side of the bridge the slide has extended till it is now within a few feet of the road. On the east side of the bridge about an acre of ground has slid and has already blocked the bed of the River des Peres considerably.

These slides will have to be remedied, the banks need grading, a resloping, and a proper protection of the rip-rap on the edge of the creek, with necessary drainage to prevent further sliding.

The whole question of the proper solution of the flood of the River des Peres valley in Forest Park has been forced upon our attention by the floods of March and April this year. The flood of April 1st was the highest that has been known in Forest Park.

I have prepared a map of the flooded area showing that two hundred and fifty-one acres of the park were submerged on that occasion to its great detriment. Several causes have contributed to this result.

With a change of the thirteen thousand acres which this branch of the River des Peres drains, from agricultural land to acre property, there has come extensive drainage, which carries off all the rainfall from the territory in a few hours, instead of being distributed over as many days, hence the capacity of the channel will have to be correspondingly enlarged if we are to avoid constant overflows every spring in the future. The tortuous course of the river also retards its progress with its sharp bends; these should be straightened out as much as possible.

The present length of the River des Peres measured along its bed is $4\frac{1}{10}$ miles, which can be reduced to about three miles by proper treatment. Again, several bridges over the River des Peres both within and immediately adjoining the park, during the past year have been built, these have tended to back up the flood waters.

Another question which will arise very shortly in connection with the River des Peres will be how to deal with the sewage.

It will never do to permit the river to become one open sewer but if allowed to remain as at present it is only a question as to the length of time that will elapse before it becomes such.

For several years attention has been called to the bridge under the Wabash railroad on the Lindell Avenue entrance of the park. This is the principal entrance for carriages, bicycles, and also for a considerable proportion of pedestrians.

During the crowded hours of a fine day it is positively dangerous for a pedestrian to attempt to walk on the roadway at this point, as they have to run the gauntlet of the numerous vehicles coming and going in their effort to pass under the bridge. This bridge should be lengthened and a foot walk provided at each side, thus leaving the roadway clear for vehicles only. I fear if this is not done we shall have an accident which may involve the city more than the cost of the reconstruction of the bridge.

It is the intention to remove the mound north of the Peninsula Lake which was the receptacle for the numerous stumps dug up during the construction of the lake. This mound is too steep for anything to grow on it, besides being a barrier to the view of the River des Peres valley and altogether an unpleasant feature in the landscape.

The improvements made with the funds appropriated and the cost of maintenance of the different parks under the control of the Park Commissioner will be found in the following: —

BENTON PARK

is situated on Jefferson avenue and Arsenal street, and contains 14.30 acres. It was donated by the city in the year 1866. Its maintenance has cost up to date $104,219.83. This park was damaged considerably by the cyclone. It took a good part of the appropriation to remove the blown-down trees and trim the crippled ones.

One hundred and sixty-five loads of rubbish were removed.

A new music pavilion was built at a cost of $826.27, including an iron fence surrounding it.

The old greenhouse was taken down and removed to Forest Park.

A fine iron flag-staff and flag were presented to the park by a number of citizens living in the neighborhood.

A new tool shed was erected: a number of trees were planted. The concerts were well patronized.

CARONDELET PARK

is situated on Loughborough and Kansas avenues and contains 180 acres. It was purchased in 1875 at a cost of $140,570.00. Its maintenance up to date has cost $162,653.33. One hundred trees and evergreens were planted.

A great deal of rubbish caused by the trimming of trees broken by the cyclone was hauled away, occupying the whole park force for several weeks.

The grounds for the new fence were graded. Three hundred and sixty feet of water pipe were laid and water plugs put up; cost, $250.00. Two thousand feet of wire fence were erected at a cost of $995.34. Seventy-five dollars for one season's boating privilege were collected and paid into the treasury. There was fine skating on the park lake during the season. The free concerts were well attended.

CARR SQUARE

is situated on Wash and Carr streets between Fifteenth and Sixteenth streets, and was donated by the city in 1849. It contains 2.36 acres.

The fence, tool house and benches were newly painted.

The square is a favorite resort for the people of the neighborhood.

FOREST PARK

contains 1,374.94 acres and was purchased in 1874 at a cost of $842,038.61. Maintenance and improvements, 1896–7, $44,400 00

Total maintenance and improvements since 1874, $1,210,731.53.

The repairs of damages caused by the cyclone made necessary the expenditure of a great part of the appropriation and prevented contemplated improvements.

The following work was done: —

A wooden foot bridge was constructed across the River des Peres to picnic grounds No. 1. A ford was made across said river to the wilderness in the western part of the park. Two rotten bridges across the River des Peres were removed, replaced by 108 feet of 24-inch sewer pipe and the roadways filled in with earth. A granitoid walk from Lindell Pavilion to Grand Drive near music stand was built. A five-foot gravel walk was made from Wabash R. R. viaduct along Sylvan Drive to Deer Paddock. This was a very much needed improvement as it gave the pedestrians a chance to reach much frequented points in the park without exposure to vehicles, bicycle riders, dust and mud. This commenced improvement should be followed up and the number of pedestrian walks increased to accommodate the wants of the public.

The old green house at Benton Park was removed to Forest Park and rebuilt on the site of the propagating houses. This removal will be followed by a saving of labor and fuel and will increase the facilities to provide all the parks with plants for their embellishment.

A new palm house was erected near the propagating houses.

A sixty-foot shed was built for coal and storage of flower pots and the whole plant including grounds for hot beds, etc., green-houses, Palm House, propagating houses, gardener's house, inclosed with a neat iron fence.

A considerably strong spring which formerly supplied the old pump house with water to feed the fountains and lakes and which was put out of service by the introduction of the city's water supply has been rendered serviceable to the thirsty public by embellishing the surroundings with rockwork, trees and shrubs and making it approachable by establishing a cinder walk from iron foot-bridge to and past the spring.

A rustic foot-bridge was built over ravine between Jefferson bridge and Wabash railroad.

A new drive was constructed near Washington bridge to connect Horse-shoe drive with Washington drive.

Another rustic foot-bridge was constructed to connect Washington with Horse-shoe Bend drive.

The embankment of Round Lake was repaired with about 300 yards of earth taken from the river banks.

Several thousand trees and shrubs were planted.

Hundred of loads of rubbish that the river left on its banks after last May's storm were removed.

At the present time a force is busy grubbing up stumps that were left in the ground, which gave the park an unsightly appearance all last year, but we were too busy to get at this kind of work before.

The zoological collection has made little progress, very few animals were donated and none purchased, no appropriation having been made for this purpose.

The collection consists of the following animals:—

One Axis Deer,
One Bisa Antelope,
Two Buffaloes,
One Sacred Cow,
One Sand Hill Crane,
Three Angora Goats and one young,
One White Deer,
Forty-two Virginia Deer,
Twenty-five Prairie Dogs,
One Monkey,
One Dromedary,
Seven White Ducks,
Seven Elks,
Seven Canada Geese,
Two Pea Fowl,
Three Quail,
Fifty-two Rabbits,
One Chinese Sheep,
One Swan.

There are two monuments in Forest Park: the Bates monument at the southeast corner of the park and the Blair statue at the Lindell avenue entrance.

The approaches to the south line of the park having been increased and visitors to this part of the park become more numerous, I took steps to have the surroundings of the Bates monument made more attractive by floral ornamentation.

The water supply for irrigating plants was obtained by laying pipe from King's highway to the site of the monument. The surroundings of the Blair monument were also embellished by flower beds.

Forest Park can be reached by the following street car lines: Missouri Railroad Co., Olive street Cable Line, Missouri Railroad Co., Laclede avenue and Clayton Electric, Lindell Railway, Electric Washington avenue line, Lindell Railway, Electric Chouteau avenue line, St. Louis & Suburban Railway Electric, Laclede Fourth street and F. P. R. R. Co. Electric and by the trains of the Wabash and St. Louis, Colorado Western R. R.

There are now in the park the following draft animals:—

Thirteen mules,
Four horses,
Four carts,
Five farm wagons,
Eight sprinkling wagons,
One spring wagon,
One covered wagon,
Three horse lawn mowers,
One horse roller,
One hand roller,
One horse rake,
One road shaper.

The park contains the following buildings:—

One keeper's lodge,
One gardener's lodge,
One old stable used as paint and carpenter shop,
One new restaurant "Cottage,"
One new restaurant stable,
One new large restaurant shed,
Three refreshment stands,

- One carriage shed,
- One old pump house,
- One game keeper's lodge,
- One music pavilion,
- One new stable building and sheds,
- Two shelter houses,
- Two boat houses,
- Two small pavilions, one on picnic-grounds and one on Skinker Hill,
- One observatory and house,
- One mounted police stable and outbuildings,
- One passenger depot of Lindell Ry. Co.,
- One passenger depot of Missouri Ry. Co.,
- One passenger depot of Laclede and F. P. Co.,
- One lawn tennis building,
- Six green houses,
- One palm house.

The following was collected by the Park Commissioner and paid into the City Treasury:—

Phil. Assenmacher, boating privilege in Carondelet Park for 1896	$75 00
W. Buechner, boat privilege in Forest Park for 1896	371 03
August Klasing, boat privilege in O'Fallon Park for 1896	201 00
Charles Schweikardt, for privilege of watering stock in Forest Park for 1896	75 00
Charles Schweikardt, for swings, 1896	40 00
Charles Schweickardt, privilege of carousal for 1896	174 00
Sale of dead trees in 1896-7	42 00
Total	$978 03

FOUNTAIN PARK

is situated in Aubert place, between Aubert and Bayard avenues. It was donated to the city in 1889, and contains 1 1-2 acres. It is in charge of a gardener and kept with very little expense to the city.

GAMBLE PLACE

is situated on Dayton street near Garrison avenue. It was donated by the city, having been the site of a former water-works plant and contains 1.15 acres. It was maintained in good condition.

GRAVOIS PARK

is situated on Louisiana avenue between Potomac and Miami streets. It was donated by the United States and contains 8.26 acres.

Water pipe was laid to the park and water furnished to replace the cistern water used since the establishment of the Park.

A water closet was built with water connections and all sanitary improvements.

This park suffered considerably by last year's cyclone and caused great expense to clean up and repair damages.

HYDE PARK

is situated on Salisbury street and Blair avenue and contains 11.32 acres. It was purchased by the city in 1854 at a cost of $36,250.00.

A music stand has been constructed at a cost of $885.62. The concerts were well patronized. A new water closet is very much needed and will be constructed if appropriations permit. The fountain and iron fence have been painted.

JACKSON PLACE

a circular park on North Market between Eleventh and Twelfth streets contains 1.62 acres and was donated to the city in 1812. It was kept in good condition and repair.

LACLEDE PARK

was reserved from the city commons in 1812. Contains 3.17 acres and is situated on Iowa and Gasconade avenues.

Part of the fence has been rebuilt. The place is in good condition.

LYON PARK

is on South Broadway. It was formerly a part of the United States Arsenal and was donated to the city by the United States in 1892. It contains 10.92 acres.

By adding the remaining Arsenal grounds it would greatly improve the park and its usefulness.

O'FALLON PARK

was acquired by purchase in 1875. Is situated on North Broadway and Carrie avenue and contains 158.82 acres. The cost of purchase was $259,065.32. Cost of maintenance up to date $281,096.73.

A great number of trees and shrubs were planted and are doing well. Two thousand four hundred and twenty plants were received from the Forest Park greenhouses for the floral decorations in O'Fallon Park. One hundred and forty benches, the fences, hitching posts, twelve signs and three water closets were painted. One hundred and sixty-two feet of sewer pipe were laid. A platform and stable was built, 50x12 feet.

The lake that was provided for by ordinance was constructed at the northeast corner of the park near Florissant avenue and will be a great addition to the attraction of the park. The lake is 900 feet long with an extreme width of 390 feet. The area of the water surface is about 6 1-4 acres, having a capacity of over six million gallons. Out of the material excavated in constructing the lake a ravine adjoining Adelaide avenue was filled up requiring about six thousand yards of earth and also a road built to the northwestern entrance on Florissant avenue.

There is still considerable work to do in this park making roads and other much needed improvements.

ST. LOUIS PLACE

was acquired by donation in 1850, and is situated on Hebert street and Maiden Lane. It is composed of four different parts: Nos. 1 and 2 are the older parks, Nos. 3 and 4 were donated by the city from parts of an old reservoir site and are south of No. 1 and 2. The four parks contain 13.83 acres.

Thirty-six new park benches were furnished and a number of trees were planted. The park was kept in good order and the concerts well attended.

I append for your information and that of the public a short description of the parks not under the control of this Department but managed by special commissions at the expense of the city.

THE MISSOURI BOTANICAL GARDEN (SHAW'S GARDEN)

is situated on Shaw and Tower Grove avenues and comprises fifty acres, containing the Botanical Garden, conservatory, fruticetum, arboretum and museum. Its principal features are the main turf walk to the conservatory, the statue of Victory, the Mausoleum containing Henry Shaw's remains, the grand parterre, ornamented with flower beds and statuary, the lotus pond, water lily pond and show of water plants, the lodge for the garden pupils, the grand display of cactus, palms and exotics, the Linnean house, the summer house in the fruticetum, the willow pond in the arboretum grove and herbaceous ground, the late residence of Henry Shaw in the garden, the grape arbor in the fruticetum, and labyrinth.

TOWER GROVE PARK,

on Grand and Magnolia avenues, has 266.76 acres. It contains magnificent drives, splendid lawns and a great variety of coniferous and deciduous trees of stately growth and appearance. The entrances on Grand avenue and Arsenal street are superb and erected at great cost. The surroundings of the music pavilion, embellished with a number of Carara marble busts of the most celebrated modern composers, make a great impression. Tower Grove Park is otherwise embellished with the statues of Columbus, Humboldt and Shakespeare, presented years ago to the city by Henry Shaw. The whole park makes an appearance of a vast grandeur and is kept scrupulously clean and in good order.

LAFAYETTE PARK,

containing 29.95 acres, on Lafayette and Mississippi avenues, is a park for pedestrians only, is inclosed with a fine iron fence, has good gravel walks and well paved gutters.

A picturesque lake with islands, swans and other water fowl, has a good boating service and a neat iron fence. Close by the lake is a beautiful music pavilion in Moresque style A Chinese pagoda rustic summer house, rustic bridge, a small lake with rockery, all combine to make this well-planned and well-executed landscape gardening a real jewel of a park. The park was greatly damaged by the cyclone of May, 1896, and will take years to recover.

COMPTON HILL RESERVOIR PARK

contains forty acres, and is on Lafayette and Grand avenues. It contains the storage reservoir, and is, by well arranged roads and foot walks, made into a very pleasing driving park. The eastern part of it is shaded by groves of oaks of natural growth. The western part is made into a very imposing floral display, well kept and always showing the latest productions of our florists.

The surroundings of Bissell's Point are also laid out park-like and will be planted with trees, shrubs and evergreens, and ornamented with flower beds.

I also append a condensed tabular statement of the Forest Park weather reports for 1895 and 1896, and another of the original cost of our parks, the cost of their maintenance up to date and the detailed account of the receipts and expenditures of the year.

Respectfully,

FRANKLIN L. RIDGELY,
Park Commissioner.

BENTON PARK.

RECEIPTS.

1896.	Appropriation		$3,500 00

EXPENDITURES.

	Salaries and wages	$2,981 73	
	Repairs	100 32	
	Tools	44 31	
	Trees and seeds	27 00	
	Other supplies	89 93	
	Fountain	95 00	
1897. April 12.	Balance	161 21	
		$3,500 00	$3,500 00

BENTON PARK WATER CLOSET.

1896.	Appropriation		$500 00

EXPENDITURES.

	Contract	$365 00	
	Extra work	83 00	
1897. April 12.	Balance	52 00	
		$500 00	$500 00

CARONDELET PARK.

RECEIPTS.

1896.	Appropriation		$4,500 00

EXPENDITURES.

		Salaries and wages	$3,783 60	
		Repairs	194 45	
		Forage	176 20	
		Tools	216 85	
		Seeds	72 60	
		Paints	16 73	
		Other supplies	37 56	
1897.	April 12.	Balance	2 01	
			$4,500 00	$4,500 00

CARR SQUARE.

RECEIPTS.

1896.	Appropriation		$1,250 00

EXPENDITURES.

		Salaries and wages	$1,057 42	
		Tools	8 40	
		Repairs	16 85	
		Other supplies	15 00	
		Paints	73 15	
1897.	April 12.	Balance	79 18	
			$1,250 00	$1,250 00

FOREST PARK.

RECEIPTS.

1896.	Appropriation		$44,400 00

EXPENDITURES.

Salaries and wages	$32,739 08	
Gravel, macadam	2,349 85	
Fuel	271 06	
Wagons, tools, etc	654 75	
Forage	1,052 13	
Harness	155 55	
Repairs	1 369 26	
Paints and oils	507 73	
Trees, seeds	1,126 11	
Other supplies	221 46	
New Improvements	3,563 31	
Hardware	389 71	
	$44,400 00	$44,400 00

FOREST PARK OBSERVATORY.

RECEIPTS.

1896.	Appropriation		$825 00

EXPENDITURES.

		Salary of Observer	$730 00	
		Other supplies	31 49	
1897.	April 12.	Balance	63 51	
			$825 00	$825 00

FOUNTAIN PARK.

RECEIPTS.

1896.		Appropriation		$575 00

EXPENDITURES.

		Salary of Gardener	$535 50	
		Seed and other supplies	8 75	
1897.	April 12.	Balance	30 75	
			$575 00	$575 00

GAMBLE PLACE.

RECEIPTS.

1896.		Appropriation		$700 00

EXPENDITURES.

		Salaries	$616 00	
		Other supplies	6 00	
		Repairs	17 80	
1897.	April 12.	Balance	60 20	
			$700 00	$700 00

GRAVOIS PARK.

RECEIPTS.

1896.		Appropriation		$750 00

EXPENDITURES.

		Salaries	$701 41	
		Repairs	5 05	
		Seeds	6 00	
		Other supplies	34 51	
1897.	April 12.	Balance	4 03	
			$750 00	$750 00

GRAVOIS PARK — WATER CLOSET AND LEAD PIPE.

1896.	Appropriation		$350 00

EXPENDITURES.

1897.	Contract	$347 00	
April 12.	Balance	3 00	
		$350 00	$350 00

HYDE PARK.

RECEIPTS.

1896.		Appropriation		$3,000 00

EXPENDITURES.

		Salaries and wages	$2,490 60	
		Repairs	191 20	
		Fence	31 05	
		Lumber	77 70	
		Tools	45 10	
		Trees	27 50	
		Other supplies	136 34	
1897.	April 12.	Balance	51	
			$3,000 00	$3,000 00

HYDE PARK — Construction of Music Stand.

RECEIPTS.

1896.		Appropriation		$1,000 00

EXPENDITURES.

		Contract	$587 80	
		Painting	38 00	
		Chairs	10 42	
		Grading, etc	100 50	
		Fence	148 90	
1897.	April 12.	Balance	114 38	
			$1,000 00	$1,000 00

JACKSON PARK.

RECEIPTS.

1896.		Appropriation		$750 00

EXPENDITURES.

		Salaries and wages	$625 87	
		Repairs	23 89	
		Other Supplies	6 00	
1897.	April 12.	Balance	84 24	
			$750 00	$750 00

LACLEDE PARK.

RECEIPTS.

1896.		Appropriation		$975 00

EXPENDITURES.

		Salaries and wages	$875 75	
		Repairs	10 80	
		Trees	24 50	
		Other supplies	12 20	
1897.	April 12.	Balance	51 75	
			$975 00	$975 00

LYON PARK.

RECEIPTS.

1896.		Appropriation	$1,750 00	

EXPENDITURES.

		Salaries and wages	1,612 50	
		Repairs	20 05	
		Tools	37 62	
		Other supplies	13 54	
1897.	April 12.	Balance	16 29	
			$1,750 00	$1,750 00

O'FALLON PARK.

RECEIPTS.

1896.	Appropriation		$7,651 56

EXPENDITURES.

	Salaries and wages	$5,863 67	
	Repairs	163 72	
	Seeds	93 60	
	Gravel	84 80	
	Tools	50 20	
	Forage	177 32	
	Other supplies	81 91	
	New improvements	381 55	
	Filing ravine	651 56	
	Paints	72 27	
1897. April 12.	Balance	30 96	
		$7,651 56	$7,651 56

ST. LOUIS PLACE.

RECEIPTS.

1896.	Appropriation		$4,000 00

EXPENDITURES.

	Salaries and wages	$3,463 85	
	Repairs	197 28	
	Tools	34 91	
	Trees	58 00	
	Other supplies	24 70	
	Paint	85 09	
1897. April 12.	Balance	136 17	
		$4,000 00	$4,000 00

SOUTH ST. LOUIS SQUARE.

RECEIPTS.

1896.	Appropriation		$800 00

EXPENDITURES.

	Salaries and wages	$627 50	
	Fountain	109 00	
	Trees	2 70	
	Other supplies	32 26	
1897. April 12.	Balance	28 54	
		$800 00	$800 00

WASHINGTON SQUARE.

RECEIPTS.

1896.	Appropriation		$750 00

EXPENDITURES.

	Salary	$669 00	
	Supplies	5 40	
April 12. 1897.	Balance	75 60	
		$750 00	$750 00

KENRICK GARDEN.

RECEIPTS.

1896.	Appropriation		$50 00

EXPENDITURES.

	Salary	$14 00	
1897. April 12.	Balance	36 00	
		$50 00	$50 00

PARK COMMISSIONER.

RECEIPTS.

1896.	Appropriation		$8,200 00

EXPENDITURES.

	Salaries	$7,200 00	
	Stationery	237 73	
	Repairs	45 75	
	Horses and shoeing	523 35	
	Other supplies	85 98	
1897. April 12.	Balance	107 19	
		$8,200 00	$8,200 00

CONCERTS IN PUBLIC PARKS.

RECEIPTS.

1896.	Appropriation		$6,000 00

EXPENDITURES.

	76 concerts	$5,928 00	
	Advertising	65 84	
1897. April 12.	Balance	6 16	
		$6,000 00	$6,000 00

TOTAL COST OF PARKS IN ST. LOUIS.

Parks in charge of the Park Commissioner.

Parks.	Area in Acres.	How and When Acquired.	Cost of Purchase.	Improv'ts and Maintenance.	Total Cost.
Benton Park	14.30	From City Com's, 1866	....	$99,293 56	$99,293 56
Carondelet Park	180.00	By purchase......1875	$140,570 10	162,654 29	303,224 39
Carr Square	2.30	By donation......1842	....	53,724 35	53,724 35
Dacotah Park	3.17	From City Com's, 1812	....	3,037 24	3,037 24
Forest Park	1371.94	By purchase......1874	849,058 61	1,210,731 53	2,059,790 14
Fountain Park	1.50	By donation......1889	....	3,744 70	3,744 70
Gamble Park	1.15	Donated by City..1874	....	19,005 01	19,005 01
Gravois Park	8 20	From City Com's, 1812	....	31,666 96	31,666 96
Hyde Park	11.84	By purchase......1854	36,250 00	112,995 57	149,245 57
Jackson Place	1 62	By donation......1879	....	32,416 43	32,416 43
Kenrick Garden	0.72	Donated by City..1896	....	14 00	14 00
Laclede Park	3.17	From City Com's, 1812	....	24,165 00	24,165 00
Lyon Park	10.92	U. S. donation....1872	....	37,970 21	37,970 21
O'Fallon Park	158.32	By purchase..... 1875	259,065 33	281,996 73	541,062 06
St. Louis Place	13.88	By donation......1850	....	121,129 29	121,129 29
South St. Louis Square	1.66	Donated by City..1882	....	1,917 43	1,917 43
Washington Square	6.00	By purchase..........	25,000 00	79,076 32	164,076 32
	1790.09		$1,309,944 04	$2,275,538 62	$3,585,482 96

PARKS IN CHARGE OF SPECIAL COMMISSIONERS.

Parks.	Area in Acres.	How and When Acquired.	Cost of Purchase.	Improv'ts and Maintenance.	Total Cost.
Compton Hill R. Park	40.00	Water Department...	....	....	....
Lafayette Park	29.95	By City Com's....1844	....	$471,497 03	$471,497 03
Missouri Botan. Garden.	50.00	By donation......1890	....	....	....
Tower Grove Park	266.67	Cond. donation...1868	....	977,581 81	977,581 81
	2177.31		....	$3,724,017 46	$5,034,861 80

FOREST PARK METEOROLOGICAL REPORT,

For the fiscal year ending March 31, 1897.

MONTH.	Temperature.					Precipitation.				Sky.		
	Maximum.	Date.	Minimum.	Date.	Mean.	Total.	No Days of	Greatest Am't in 24 consecutive hrs. and date.		Clear.	Part Cloudy.	Cloudy.
								Am't.	Date.			
April 1896	87.0	20	27.0	3	62.7	2.61	13	1.20	29	11	11	8
May............ "	89.0	25	46.8	15	70.5	9.12	15	3.83	27	9	13	8
June .... "	89.5	25	52 5	11	71.6	4.84	20	1.09	22	5	15	10
July........... "	96.0	30	54.0	8	76.5	3.57	15	1.58	20	10	14	7
August....... "	99.2	8	48.0	28	75.8	2 90	8	1.77	12	13	17	1
September .... "	94.2	13	35.0	23	65.1	2.49	16	0.82	18–19	4	18	8
October........ "	79.5	28	26 9	25	53.3	1 52	10	0.48	6	12	14	5
November..... "	78.0	17	10 4	30	44.2	3.69	15	1.08	4	7	8	15
December..... "	67.5	11	11 0	1	38.0	1.06	7	0.87	7	8	10	13
January.......1897	63 2	2	—3 2	28	29.0	3.58	16	1.71	3	10	9	12
February...... "	73.2	20	+5.3	27	34 6	1.78	15	1.36	21	4	9	15
March......... "	77.0	19	19.8	14	44.2	8 42	18	3.49	4–5	7	11	13
Means...............	82.3	......	27 8	......	55.5	3.80	14.0	1.60	.....	8.4	12.4	9.7

MONTH.	WIND.				Barometer.		Local Elevation.			Mean % of Cloudiness.	Mean % of Sunshine.
	Prevailing Direction.	Max. Velocity.	Direction.	Date.	Highest.	Date.	Lowest.	Date.	Mean.		
April 1896	S	40	W	2	29.83	3	29.19	13	29.44	50	82
May .... "	S	60	N	27	29.63	8	29.09	1	29.37	53	86
June .... "	NW	45	N	21	29.69	26	29.20	9	29.40	60	68
July............. "	S	19	SW	31	29 62	11	19.26	24	29.45	50	69
August.......... "	S	40	N	12	29.80	28	29 21	22	29.46	36	73
September...... "	S	22	NW	5	29.84	23	29.19	17	29.44	61	58
October.......... "	SE	30	SE	29	29.76	7	29.21	30	29.47	38	70
November ...... "	S	30	S	2	30.18	30	29.17	26	29 57	61	45
December...... 1897	S	28	NW	18	30.15	24	29.22	13	29.61	58	50
January- .... "	NW	35	S	2	29.95	25	28.93	17	29.58	56	50
February.... ... "	NW	30	NW	22	30.10	27	29.18	20	29.47	73	50
March........... "	NW	30	NW	9	29.89	16	28.84	19	29.42	65	50
Means.......	S	3.41		.....	29 87	.....	29.14	......	29 47	55.1	61.1

FRED. W. DUENCKEL, Observer.

ANNUAL REPORT

OF THE

Water Commissioner of the City of St. Louis,

For the Fiscal Year ending April 12, 1897.

Office of Water Commissioner,
St. Louis, April 30th, 1897.

Honorable Board of Public Improvements:

Gentlemen — I have the honor to submit the following report for the year ending April 1st, 1897: —

The following table shows the expenditures for operating and maintaining the works: —

EXPENDITURES.

OPERATING AND MAINTAINING.

Commissioner's Office	$ 9,765 28	
Distribution System	16,186 64	
Tap and Meter Department	13,458 69	
High and Low Service Engines	237,868 54	
Settling Basins	70,119 54	
Street Service Department	83,172 82	
Inspection	8,557 91	
Storage Reservoir	7,860 50	
Total gross expenses for operating and maintaining		$ 446,989 92

RECEIPTS.

Tap and Meter Department	$ 10,322 65	
Street Service Department	9,946 35	
High and Low Service Engines	1,442 70	
Distribution System	5 00	
Storage Reservoir	1 50	
Total receipts on account of taps, private work and materials sold		21,718 20
Net expense of operating and maintaining works.		$ 425,271 72

EXPENDITURES.

EXTENSION OF WORKS.

From water-pipe fund for extending distribution system		$ 264,415 97
Low Service Engines, Chain of Rocks	$ 8,546 01	
High Service Engines, Baden	121,752 28	
High Service Engine Foundations, Baden	28,670 54	
High Service Engine, etc., Houses, Baden	92,935 74	
Pumps, Mains and Stand Pipe	42,366 00	
Total		294,270 57
Water-works Extension, Salaries and Expenses	$ 43,318 48	
Less horse sold	13 00	
Net expense of Water-works Extension, Salaries and Expenses		43,305 48
Total expended on extension of works		$ 601,992 02
Making a total expenditure for operating, maintaining and extending the works during the year, of		$1,027,263 74

A detailed statement of the above expenditures is given in tables "C" 1 and "C" 2 and "D" 1 to "D" 14 inclusive, appended.

PUMPING DEPARTMENT.

The work done by the High Service and Low Service pumping stations is given in the three following tables, viz.:—

LOW SERVICE STATION, BISSELL'S POINT.

RECORD OF WORK DONE BY LOW SERVICE ENGINES.

Month.	Engine No. 1.		Engine No. 2.		Engine No. 3.		Coal in Bushels.	U. S. Gallons Water Pumped.	Bu. Coal per Mill. Gals.
	Hours. Min.	Revolutions.	Hours. Min.	Revolutions.	Hours. Min.	Revolutions.			
April, 1896	44–	21,600	9–45	4,800	......	......	1,300	29,434,000	44 8
May, 1896	......	......	......	......	......	......	......	......	......
June, 1896	......	......	......	......	......	......	......	......	......
July, 1896	......	......	......	......	......	......	......	......	......
Aug., 1896	......	......	......	......	......	......	......	......	......
Sept., 1896	......	......	......	......	......	......	......	......	......
Oct., 1896	......	......	......	......	......	......	......	......	......
Nov., 1896	......	......	......	......	......	......	......	......	......
Dec., 1896	......	......	......	......	......	......	......	......	......
Jan., 1897	27–50	13,500	......	......	27–45	12,600	1,375	34,400,124	40.5
Feb., 1897	16–	7,500	......	......	16–	7,000	700	18,250,250	38.8
Mar., 1897	......	......	......	......	......	......	......	......	......
Totals	87–50	42,600	9–45	4,800	43–45	19,600	3,375	82,084,374	......

Total number of hours pumping, 141–20.
Total number of revolutions, 67,000.

LOW SERVICE STATION, CHAIN OF ROCKS.

RECORD OF WORK DONE BY LOW SERVICE ENGINES.

MONTH.	Engine No. 4.		Engine No. 5.		Engine No. 6.		Engine No. 7.		Coal in Bushels.	Ashes in Pounds.	U. S. Gallons Water Pumped.	Bus. Coal per Mill. Gals.
	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.				
April, 1896	211-35	136,500	242-00	160,700	589-05	429,600	480-40	347,300	20,848 887	231,653	1,671,666,000	12.5
May, "	14-45	9,100	45-50	30,400	683-25	486,000	677-10	495,000	18,007 875	211,857	1,706,070,000	10.5
June, "	145-25	92,500	....	......	611-27	439,200	696-32	509,300	18,427 375	210,160	1,622,311,000	11.3
July, "	207-35	134,400	31-55	18,100	710-15	525,400	664-05	491,800	19,894 75	229,720	1,790,240,000	11.1
August "	248-	164,900	288-35	189,800	634-15	467,800	671-45	496,800	23,300.75	280,290	2,010,930,000	11.5
September, "	71-45	48,100	204-45	135,300	621-40	454,800	621-50	453,400	21,544 875	263,690	1.717,520,000	12.5
October, "	281-	185,000	232-20	150,500	517-25	394,700	524-20	350,200	21,077.5	273,200	1,604,210,000	13.1
November, "	176-35	114,100	98-55	64,500	465-35	335,500	559-20	398,200	18,190.625	239,560	1,425,580,000	12 7
December, "	214-10	139,700	76-35	50,000	479-15	346.800	523-10	380,800	18,304 5	240,520	1,429,630,000	12 8
January, 1897	277-15	166,800	388-50	254,000	278-20	201,200	440-10	317,200	21,472 5	270,470	1,383,770,000	15 5
February, "	546-55	364,700	262-30	177,500	169-55	123,900	359-10	258,400	17,867.	226,910	1,313,570,000	13.6
March, "	394-35	258,600	547-15	353,700	303-30	222,000	190-45	138,500	17,677.25	219,690	1,408,300,000	12.4
Totals	2789-35	1,814 400	2419-30	1,584,500	6064-07	4,426,900	6408-57	4,636,900	236,613.887	2,897,720	19,083,797,000	12.4

Total number of hours pumping, 17,682-09.
Total number of revolutions, 12,462,700.

HIGH SERVICE STATION.

RECORD OF WORK DONE BY HIGH SERVICE ENGINES.

MONTH.	Engine No. 1.		Engine No. 2.		Engine No. 3.		Engine No. 4.		Engine No. 5.		Engine No. 6.		Coal in Bushels.	Ashes in Pounds.	U. S. Gallons Water Pumped.	Bus. Coal per Million Gals.
	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.				
April, 1896	516-40	375,400	371-55	265,200	195-15	112,200	585-20	405,700	227-45	160,400	604-45	421,500	121,677.062	1,775,565	1,496,372,000	81 3
May, "	63-05	47,400	320-15	234,100	707-05	431,700	363	253,000	433-30	304,700	683-30	473,500	129,052.062	1,870,895	1,658,524,000	77.8
June, "	473 40	344,200	474-35	342,600	173-35	109,400	596	420,200	449	315,200	353-55	244,600	130,699.049	1,723,722	1,550,652,000	84.2
July, "	119-20	85,000	449-10	329,400	613-30	393,500	727-25	511,800	143-15	99,900	673-35	462,600	138,034.250	1,904,864	1,800,932,000	76 6
August, "	133-50	95.300	542-35	398,400	642-35	404,500	730	515,400	231-50	160,800	719-20	502,500	158,724.312	2,436,489	2,038,812,000	77.5
September, "	291-10	206,900	619-10	454,300	375-15	234,400	262-45	187,000	585-45	413,300	478-15	328,400	129,027.250	1,953,631	1,740,272,000	74.1
October, "	596-20	421,800	....	....	730-20	443,300	390-15	277,500	242-40	170,500	372	256,500	113,655.000	1,794,980	1,602,581,000	70.8
November, "	428-50	302,400	15	10,200	500-50	293,000	180-15	127,700	381-15	267,500	598-30	416,000	99,904.750	1,464,907	1,405,939,000	71.
December, "	744	520,500	....	....	....	....	401-25	281,500	355-55	248,600	683	477,500	106,123.500	1,491,503	1,372,930,000	77.3
January, 1897	264-20	185,700	590-25	430,500	415-25	259,500	169	119,900	120-45	85,800	547-20	379,900	105,684.875	1,566,780	1,425,239,000	74 1
February, "	202	142,200	319-15	231,100	645-20	395,900	....	....	23	14,900	621-50	431,700	89,759.375	1,338,438	1,261,501,000	71.1
March, "	196-30	136,500	473-10	335,900	357-55	207,000	309-10	216,100	216-05	151,500	427-55	298,200	96,629 5	1,390,862	1,299,259,760	74.4
Totals	4029-45	2,863,300	4175-30	3,031,700	5357-05	3,290,400	4714-35	3,315,800	3410-45	2,393,100	6763-55	4,692,900	1,418,970.985	20,712,636	18,653,013,760	76 1

Total number of hours pumping, 28,451-35.
Total number of revolutions, 19,587,200.

The expenses chargeable to pumping were as follows:—

	High Service.	Low Service. Chain of Rocks.
Coal, 678,186.735 bushels at $0.0406	$27,534 38	....
Coal, 740,784.25 bushels at 0.0520	38,520 78	....
Coal, 100,479.637 bushels at 0.0444	....	$4,461 30
Coal, 136,134.25 bushels at 0.0560	....	7,623 52
Salaries of engineers, mechanics and laborers	60,480 47	24,174 19
Repairs and construction of engines and boilers.	33,208 30	13,830 29
Engine and machine shop supplies	7,252 89	5,183 01
Total	$166,996 82	$55,272 31

The pumping expenses per million U. S. gallons were:—

	High Service.	Low Service. Chain of Rocks.
Salaries of engineers, mechanics and laborers	$3.242	$1.266
Coal	3.541	.633
Repairs and construction of engines and boilers.	1.780	.724
Engine and machine shop supplies	.388	.266
Totals	$8.951	$2.889

Table "A" 4 shows expenses for past ten years.

GENERAL REPAIRS OF ENGINES AND BOILERS.

ENGINES AND BOILERS.

STATION NO. 1.

HIGH SERVICE ENGINE NO. 1.

Caps on all bearings taken up and journals examined. Old brass valves on floating cover of air pump replaced with rubber valves. Compression cups put on all connections. Valves in main pump refitted. Also ordinary repairs. The pump air chamber and thirty-six inch pipe have been scraped and painted.

HIGH SERVICE ENGINE NO. 2.

Journals examined. Floating cover valves replaced same as in No. 1. Pump valves refitted. Pump and air chamber cleaned and painted. Ordinary repairs.

HIGH SERVICE ENGINE NO. 3.

Pump valves replaced. Journals examined. Side pipes, steam chests, covered with walnut lagging. Engine painted. Old compressor and air pumps taken out.

STATION NO. 2.

HIGH SERVICE ENGINE NO. 4.

New pin put in front end of beam. Old Cornish valves taken out of pump and replaced with cage valves. New man-hole plates on outside of pump. Induction gate in wet well replaced with new frames. Timbers taken from under pump, dressed down and replaced with oak wedges. Floating cover valves replaced with rubber valves.

HIGH SERVICE ENGINE NO. 5.

Old Cornish valves taken out and replaced with cage valves; pump scraped and painted. Elbow on exhaust pipe gave out; replaced with new one. Floating cover valves replaced with rubber valves. Engine has been painted. Journals examined.

HIGH SERVICE ENGINE NO. 6.

Journals examined. Old Cornish valves taken out of pump and replaced with cage valves. Brass valves of floating cover replaced with rubber valves. Valve on bucket refitted.

BOILERS.

STATION NO. 1.

ENGINE HOUSE.

Walls and window frames painted; wainscoting cleaned and varnished; new granitoid steps in front.

BOILER HOUSE.

New ten-inch wedge valve put in to separate two west boilers from two east boilers on south battery.

One tube taken out of No. 5 boiler and replaced with new one. Boiler house has been painted.

STATION NO. 2.

BOILER HOUSE.

Small patch on two boilers. Stop valves on feed pipes changed to a more convenient location.

MACHINE SHOP.

Shop has been remodeled and is much improved.

LOW SERVICE STATION.

LOW SERVICE ENGINE NO. 4.

About two-thirds of valve seats in diaphragm plate renewed.

LOW SERVICE ENGINE NO. 5.

Same as No. 4.

LOW SERVICE ENGINE NO 6.

Only usual small repairs.

LOW SERVICE ENGINE NO. 7.

Same as No. 6.

BOILERS.

Only usual small repairs.

SETTLING BASINS AND CONDUIT.

The amount of sediment removed from the basins, at Chain of Rocks, is shown by the following tables:—

DEPTH IN INCHES IN EACH BASIN.

	No. 1.		No. 2.		No. 3.		No. 4.		No. 5.		No. 6.		Cost.
	a.	b.	a.	b.	a.	b.	a.	b.	a.	b.	a.	b.	
March, 1896	12	6	12	6	24	18	....	....	18	12	27	18	$1,218 50
April, "	...	...	....	....	24	18	22	15	..	....	....	....	522 59
May, "	16	9	....	...	15	10	16	10	22	15	22	15	426 12
July, "	30	24	38	33	....	....	....	....	32	24	33	24	1,171 93
August, "	21	15	22	16	20	15	18	12	....	....	...	....	483 35
October, "	...	...	....	....	20	15	21	15	18	12	18	12	319 62
March, 1897	....	....	....	....	....	....	....	....	....	....	18	12	85 12
Total	79	54	72	55	103	76	77	52	90	63	118	81	$4,227 23

NOTE.—Columns "a" show total sediment deposited, columns "b" show the sediment removed by manual labor.

The total amount of sediment deposited in the basins during the year was 416,000 cubic yards, of which 314,000 cubic yards was removed by manual labor at a cost of $4,227.23 or $0.0135 per cubic yard.

STREET SERVICE DEPARTMENT.

Water pipe laid by the street service force on account of street construction and betterment of the distribution system was: —

6 inch water pipe	5255.0 feet.
12 inch water pipe	552.0 feet.

THE FOLLOWING WORK WAS DONE ON FIRE PLUGS AND STOP VALVES FROM APRIL 1, 1896, TO APRIL 1, 1897.

	Fire Plugs.	Stop Valves.
Cleaned, oiled and packed	22,889	17,263
Repaired by department	232	65
Repaired on account of damage by street sprinkling.	1,375	..
Moved	33	9
Taken out of service	7	9
Raised	379	1
Lowered	52	3
New plugs and valves set	30	11
Replaced	39	65
New boxes set	36	70
Boxes replaced	351	140
Boxes raised	132	473
Lowered	12	51
Reset	91	26

MISCELLANEOUS WORK DONE BY THE STREET SERVICE DEPARTMENT FROM APRIL 1ST, 1896, TO APRIL 1ST, 1897.

Shut-offs	Street Service Dep't	1,330
	Contractors	247
	Plumbers	46
	Elevators	34

Pipes moved and lowered.	6 inch	3654.0 ft.
	8 inch	255.0 ft.
	12 inch	1478.0 ft.
	30 inch	84.0 ft.

Pipes laid for private parties:

3 inch	180 0 ft.
4 inch	1040.0 ft.
6 inch	1647.0 ft.
8 inch	50.0 ft.
12 inch	36.0 ft.

Connections made for private parties:

3 inch	9.0 ft.
4 inch	13.0 ft.
6 inch	10.0 ft.
Connections made for the city	7
Connections cut out	1
Hydrants set new	2
Stop boxes set new	3
Drinking fountains set new	2

Let on Elevators	18
Joints made new	1777
Joints recaulked	850
Ferrules drawn	45
Taps shut off	124
Taps destroyed	112
Leaks dug for	331
Disconnected lead pipe	67
Given in charge of plumber	4
Turned on new lines	130
Running fire plugs, days, 200 3-4.	

Sewer pipe laid —

3 inch	554.0 ft.
4 inch	78.0 ft.
6 inch	96.0 ft.
12 inch	810.0 ft.

BROKEN PIPES REPLACED.

3 inch	37.0 ft.	12 inch	17.0 ft.
4 inch	36.0 ft.	15 inch	8.0 ft.
6 inch	143 ft. 8 in.	20 inch	12.0 ft.
8 inch	2 ft. 6 in.	30 inch	12.0 ft.
10 inch	13 ft. 4 in.	36 inch	12.0 ft.

Labor employed during the last year was:—

For betterment of system	8%	For miscellaneous work	5%
For private work	9%	For maintenance of system	64%
For extension of distribution	13%	For lead pipe work	1%

TAP AND METER DEPARTMENT.

The work done by the meter department is given in the succeeding table:—

	½ in.	⅝ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	Total.
New meters set	....	......	3	......	......	.....	......	3	......	6
Meters taken out	3	.....	1	1	.....	....	......	2	......	7
Meters replaced	12	6	15	18	6	5	2	....	......	58

MONTH.	Tested in Room.	Tested in Place.	Repaired in Room.	Repaired in Place.	New Boxes Set.	New Frames and Covers Set.	Trips to Point
April, 1896	44	136	4	113	4	1	8
May, "	35	61	8	160	1	1	2
June, "	17	18	5	105	3	2	5
July, "	27	16	1	220	1	1	6
August, "	21	15	6	160	1	3	5
September, "	36	12	6	284	2	1	3
October, "	10	13	2	120	3	....	5
November, "	23	19	4	145	1	1	2
December, "	29	13	2	130	7	2	2
January, 1897	11	5	5	144	3	1	2
February, "	12	3	1	90	1	2	6
March, "	20	14	3	163	2	4	9
Totals	285	325	47	1834	29	19	55

THE FOLLOWING WORK WAS DONE BY THE SUPPLY INSPECTION DEPARTMENT.

MONTH.	Number of Inspections.	Number in Good Order.	Number of Leaks.	Leaks Reported by Police.	Leaks Reported by Telephone.	Leaks Reported by Tenants.	Notices Served.	Leaks Repaired.	Leaks Shut Off.
April 1896	19,886	19,177	709	30	72	6	817	610	155
May "	21,970	21,375	595	31	59	7	692	537	126
June "	18,453	17,984	469	22	46	17	554	420	120
July "	14,769	14,329	440	25	109	9	583	397	172
August "	17,408	16,879	529	20	89	3	641	514	126
September "	15,364	14,814	550	14	68	3	635	486	120
October "	13,669	12,963	706	21	60	12	799	649	118
November "	15,860	15,284	576	11	49	5	642	480	139
December "	23,506	22,585	921	23	107	9	1,060	816	199
January 1897	19,507	18,875	632	46	192	10	880	634	221
February "	14,409	13,762	647	146	42	11	846	624	208
March "	18,285	17,599	686	21	76	4	787	580	171
Total	213,086	205,626	7,460	410	969	96	8,935	6,747	1,875

The repairs and fixtures made on account of notices from the Inspection Department are as follows, viz.:—

Hydrants	2,219	Builders' taps	24
Faucets	2,004	Stop and waste cocks	33
Water closets	1,021	Stop boxes	81
Pipes	1,240	Fountains	26
Street washers	99		

The following new fixtures have been put in to replace worn-out fixtures on account of notices served by supply inspectors:—

Hydrants	160	Stop boxes	3
Faucets	136	Stop and waste cocks	1
Water closets	13	Builders' taps	0

AVERAGE DAILY CONSUMPTION OF WATER — "A" 1.

Month.	1895-1896.	1896-1897.	Month.	1895-1896.	1896-1897.
April	52,266,000	49,898.000	November	49,565,000	46,893,000
May	56,135,000	53,388,000	December	48,067,000	44,269,000
June	63,283,000	51,795,000	January	47,001,000	46,220,000
July	58,568,000	58,252,000	February	43,548,000	45,002,000
August	61,836,000	65,631,000	March	43,081,000	41,846,000
September	60,510,000	57,894,000			
October	56,356,000	51,733,000	Average	53,371,000	51,068,000

DISTRIBUTION SYSTEM.

During the past year there has been added to the Distribution system the following: —

6 inch pipe	128,592.0 feet.
8 " "	122.5 "
12 " "	57,470.0 "
20 " "	18,793 0 "
30 " "	20,162.0 "
Total	225,139.5 feet.

Or $42\frac{64}{100}$ miles, the largest amount of pipe ever laid by the City in one year. The Baden 30-inch line has been completed to Compton Hill Reservoir. The connections to the Tower will be made as soon as the work is in shape for them. A 30-inch main has been extended south on Macklind avenue to Arsenal street, and west on Arsenal street past the City Institutions; but will not be put in service until the Baden Station is completed.

A large amount of pipe has been laid in the district north of Page boulevard and west of Union Boulevard on account of the immense increase in the number of houses.

The fire protection in the district north of North Market street and east of Broadway has been greatly improved by the addition of larger mains and hydrants.

SETTLING BASINS.

The Bissell's Point Basins were put in operation, as storage reservoirs, during the past year by removing a small portion of the masonry division walls. The water settled at the Chain of Rocks now passes through these basins on its way to the High Service Pumping Station, Bissell's Point. This gives a possible storage of about sixty million U. S. gallons of water on which the two Bissell's Point Pumping Stations can draw, when necessary.

PUMPING STATION DIVISION.

The buildings of High Service Station No. 3 were finished during the past year. Engines Nos. 7. and 8 are completed with the exception of the lagging of the steam cylinders. The foundations for engines Nos. 9 and 10 were put in and the engines contracted for. Low Service Engines Nos. 8 and 9 were placed under contract. These engines will be duplicates of engines Nos. 6 and 7 and will complete the Low Service Pumping Station.

STAND PIPES.

The earth mound and moulded stone base was removed from Stand Pipe No. 1 and a terra cotta and brick base substituted. A granitoid sidewalk with curb was built around the base of this stand pipe. Work on the foundations of Stand Pipe No. 3 was started and the pipe connections to Compton Hill Reservoir put in.

The testing laboratory at No. 2322 Clark avenue was operated during the year for the information of the Street, Sewer and Water Departments.

Respectfully,

M. L. HOLMAN,
Water Commissioner.

AVERAGE DAILY CONSUMPTION OF WATER PER MONTH IN MILLIONS OF U. S. GALLONS.—"A" 2.

	Jan.	Feb.	March	April.	May.	June.	July.	August	Sept.	Oct.	Nov.	Dec.	Average
1871	.....	.....	.....	.....	.....	.....	12.9	13.2	13.3	13.1	12.2	12.6	12.9
1872	12.5	13.1	12.0	12.5	13.0	15.0	15.9	16.9	16.5	16.1	15.1	15.7	14.5
1873	16.1	15.5	14.6	13.8	14.2	16.6	18.0	19.2	18.5	17.8	16.4	15.7	16.4
1874	16.2	15.5	14.6	15.2	17.5	20.0	21.5	19.4	19.7	18.6	17.8	18.8	17.9
1875	21.1	21.7	21.3	18.7	18.9	19.6	20.1	21.9	22.2	21.8	18.8	15.5	20.2
1876	17.3	16.9	16.1	17.4	20.1	22.0	23.4	24.2	24.8	24.5	21.2	22.6	20.9
1877	23.5	20.4	19.8	19.1	20.8	22.7	24.9	27.3	25.4	23.7	20.0	20.6	22.3
1878	20.8	19.6	20.1	22.0	23.1	22.5	26.3	25.9	25.4	24.5	23.2	22.8	23.1
1879	29.0	24.6	22.6	21.6	24.8	26.0	27.0	28.5	25.3	25.7	21.4	22.9	25.0
1880	21.3	21.0	19.5	21.2	24.1	25.5	28.0	30.0	28.8	27.4	27.1	27.7	25.1
1881	31.8	28.1	24.0	24.8	27.4	29.5	28.0	29.4	27.6	26.8	26.1	26.8	27.5
1882	26.1	25.0	26.3	27.7	28.1	29.5	28.8	30.3	29.4	27.8	28.3	28.4	28.0
1883	30.5	27.7	25.1	26.1	26.6	29.0	28.4	29.4	28.6	25.2	26.8	26.5	27.4
1884	26.3	20.9	20.4	19.8	22.7	24.3	27.4	30.3	28.7	26.8	23.9	25.9	24.6
1885	28.8	29.5	23.7	22.6	24.4	27.4	29.5	30.3	28.8	27.0	24.7	25.7	26.8
1886	30.0	28.5	23.9	25.2	28.4	30.7	34.5	34.6	33.1	31.7	29.0	31.0	30.0
1887	28.8	25.4	24.9	26.9	28.6	31.7	35.3	36.6	35.5	32.7	30.1	29.0	30.5
1888	33.6	30.5	27.3	29.4	39.3	33.8	36.7	36.0	35.3	33.4	29.6	27.8	32.0
1889	27.3	29.0	28.7	31.1	32.9	33.5	37.4	39.2	36.5	34.1	29.3	29.0	32.3
1890	28.5	28.4	29.7	30.5	33.1	40.2	44.1	42.8	40.0	37.4	35.2	32.4	35.2
1891	31.8	32.3	32.0	34.5	38.4	41.4	45.7	45.3	47.7	41.8	36.8	35.6	38.6
1892	38.4	34.7	33.9	35.3	37.9	44.4	47.0	51.7	50.2	47.1	40.9	43.8	42.1
1893	46.7	43.8	41.1	40.7	43.3	48.7	52.6	57.6	56.6	49.5	45.8	43.5	47.5
1894	42.6	43.0	46.8	45.4	51.1	59.9	64.6	64.0	60.4	57.0	51.7	48.3	52.9
1895	50.6	55.8	49.6	52.3	56.1	63.3	58.6	61.8	60.5	56.3	49.6	48.1	55.2
1896	47.0	43.5	43.1	49.9	53.4	51.8	58.2	65.6	57.9	51.7	46.9	44.3	51.1
1897	46.2	45.0	41.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DAILY CONSUMPTION OF WATER, APRIL 1, 1896, TO APRIL 1, 1897. IN MILLIONS AND TENTHS OF U. S. GALLONS.—"A" 3.

DAY.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	47.1	49.4	45 3	54.9	68.8	66.7	53.9	46 4	47.2	45.6	53.	43 9
2	47 3	55.7	47.9	49.9	57.6	69.1	54.2	53.6	46.3	44.9	50.	43.2
3	46 5	48.5	49.1	53 4	69.3	64 7	54.3	48.5	45.7	40.0	48.2	43.9
4	48 9	56.6	51.4	52.4	71 9	65.3	47.9	49.3	46.2	47.1	47.6	39.4
5	42.1	58.9	54.2	49 8	72.4	62.3	54 9	49 9	47.1	48.3	46.6	41 4
6	46.7	59 5	53 8	58 9	72.5	57.2	51.9	49 7	39.5	46.9	47.9	41 1
7	47.1	59.4	45 5	55.5	72.4	64.8	53.3	49 1	45.1	45.1	40.6	36 5
8	48.2	60.4	49.2	60.5	73.9	54.7	50.5	41.3	44 7	44 8	48 8	43.7
9	48 1	63 2	48.5	59.8	62.6	62.1	50 5	49.5	45.6	45.2	45.1	41.4
10	51.9	52.7	49.5	60.3	72.8	65.9	52.3	47.1	44 8	38 1	46 6	41.9
11	53 9	56.5	52.5	62 2	73.8	64.4	42 9	46.9	44.7	43.1	45.6	41.2
12	44.4	60.3	53.3	53.7	64.1	65.1	50 2	46.2	46.4	42 4	46 2	41.5
13	45.1	57 6	55 8	59.9	63.8	54.8	51.8	47.3	39.4	42.5	48.2	40.9
14	49 0	52.9	46.3	63 5	67.0	65.1	50.7	50.4	45 1	42.4	39.2	36.9
15	52.8	55.5	49 3	62 8	69.1	60.3	51 5	43.4	45.3	43.3	45.3	45 8
16	53.2	52 0	51.6	58.4	51.7	61.3	51 8	50.2	45.9	44.3	45.1	46 9
17	53.4	49.9	57.3	62 4	62 2	58.4	54.3	49 2	44 2	37.6	44.9	42.7
18	55.8	54.3	56 7	60.0	59.8	56.1	47.4	49.4	44 2	42.3	42 8	42.2
19	39.1	47.4	61.4	49.9	64 6	51.3	54.2	45.5	45.3	42.9	43.9	42.6
20	54.5	52.1	63.5	54.2	64.5	48 1	52.0	46.3	37.9	43.3	45.9	44 8
21	51 5	51.6	51.9	54.8	66 6	56.6	53.1	46.0	45 9	43.4	36.1	37.3
22	53 6	48 6	50 6	56.9	68.1	54.2	52.2	40 2	45 4	43.0	42.8	44.4
23	56 7	53.2	52 6	53 9	55 0	54.2	51.2	46 2	45.1	44.2	42.6	40.
24	58.2	45.7	55.3	53.3	64.7	53.2	52.9	46 2	44.5	43.5	43.9	41.3
25	55 4	53.3	53 3	57 2	63.6	53 6	46.1	47 4	35.7	54.0	42.4	42.1
26	41.9	50 3	49.3	54.3	63.5	54.	52.8	41.3	43.0	56.4	45.7	42.1
27	50.9	50.7	48.4	64 9	64.5	44.1	54.0	45.1	39.5	58.3	45.9	45.8
28	52.4	48.6	44 3	65.4	66.5	49.2	54.8	46 3	45.4	59.7	38.9	36 3
29	49 3	53.8	52.9	68.9	66 8	48.6	52.3	40 7	44 7	57.9	......	42.4
30	51 9	54.0	53.2	68.4	55.9	51.4	51.3	48.1	46 8	54.4	......	42.2
31	......	42.2	......	65.1	64.2	.....	51.7	.....	46.2	47.7	.....	41.5
Average	49.9	53.4	51.8	58.2	65.6	57.9	51.7	46.9	4.43	46.2	45.0	41

Average for year, 51.1.

Maximum daily consumption	73,921,000
Average " "	51,112,000
Minimum " "	35,740,000

COST OF PUMPING PER MILLION GALLONS FOR TEN YEARS, FROM 1886 TO 1895, OLD SYSTEM.—"A" 4.

YEARS.	HIGH SERVICE.					LOW SERVICE, BISSELL'S POINT.					Total for Both Services.
	Wages of Engineers, Mech's, Fireman and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	Wages of Engineers, Mech's, Fireman and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	
1885–1886	3.422	4.885	1.120	.475	9.902	1.693	1.738	.214	.208	3.853	13.755
1886–1887	3 171	4.600	.656	.416	8.843	1.571	1.889	.501	.170	4.131	12.974
1887–1888	3.055	4.442	1.328	.505	9.330	1.508	1.934	.712	.238	4.392	13.722
1888–1889	3.144	4.375	1.714	.328	9.561	1.684	2.345	1.032	.121	5.182	14.742
1889–1890	3.035	3.850	1.229	.392	8.506	1.588	1.904	.827	.243	4.562	13.068
1890–1891	2.957	3.462	1.064	.308	7.791	1.475	1.763	.722	.143	4.153	11.954
1891–1892	2.804	3.298	1.093	.444	7.639	1.388	1.587	.873	.233	4.081	11.720
1892–1893	2.606	3.484	1.335	.263	7.688	1.279	1.830	1.053	.172	4.334	12.022
1893–1894	2.604	3.805	1.393	.263	8.065	1.295	1.969	.863	.153	4.280	12.345
1894–1895	2.495	3.779	1.031	.330	7.635	1.529	2.041	.646	.200	4.416	12.051
Av. for 10 years	2.929	3.998	1.196	.372	8.495	1.501	1.900	.749	.188	4.338	12,835

COST OF PUMPING PER MILLION GALLONS, NEW SYSTEM.—"A" 5.

YEAR.	HIGH SERVICE.					LOW SERVICE, CHAIN OF ROCKS.					Totals for Both Services.
	Wages of Engineers, Mech's, Firemen and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	Wages of Engineers, Mech's, Firemen and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	
1895–1896	2.943	3.616	1.720	.355	8.634	1.270	.612	.710	.256	2.848	11.482
1896–1897	3.242	3.541	1.780	388	8.951	1.266	.633	.724	.266	2.889	11.840
1897–1898											
1898–1899											
1899–1900											
1900–1901											
1901–1902											
1902–1903											
1903–1904											
1904–1905											
Av. for 10 yrs											

TABLE "A" 6.

SEDIMENT REMOVED FROM SETTLING BASINS AT BISSELL'S POINT FOR TEN YEARS.

YEAR.	Cubic Yards of Sediment removed from Basins.	Millions of U. S. Gallons water pumped into Basins.	Cubic Yards of Sediment per Millions U. S. Gallons.	Cost of removing Sediment from Settling Basins.
1885–1886	109,000	9,925	10.982	$2,195 36
1886–1887	124,000	10,979	11.294	2,137 50
1887–1888	143,000	11,665	12.336	1,865 41
1888–1889	174,000	11,644	14.943	2,869 60
1889–1890	144,750	11,939	12.124	1,386 00
1890–1891	207,800	13,178	15.768	1,411 20
1891–1892	210,600	14,602	14.423	2,286 40
1892–1893	160,000	16,448	9.725	2,810 88
1893–1894	148,000	17,448	8.482	3,519 20
1894–1895	208,000	16,257	12.794	2,668 20

SEDIMENT REMOVED FROM SETTLING BASINS CHAIN OF ROCKS.

YEAR.	Cubic Yards of Sediment removed from Basins.	Millions of U. S. Gallons water pumped into Basins.	Cubic Yards of Sediment per Millions U. S. Gallons.	Cost of removing Sediment from Settling Basins.
1895–1896	209,000	18,537	11.259	$1,483 99
1896–1897	314,000	19,084	16.454	4,227 23
1897–1898				
1898–1899				
1899–1900				
1900–1901				
1901–1902				
1902–1903				
1903–1904				
1904–1905				

DAILY PUMPING—"A" 7. LOW SERVICE ENGINES AT CHAIN OF ROCKS.

DAY.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	44.7	56.6	38.4	65.6	68.8	63.1	53.6	52.8	51.9	49.3	58.2	50.
2	47.3	59.	46.7	37.6	57.8	63.5	55.6	48.1	56.4	36.6	70.8	47.9
3	42.3	41.9	38.2	59.5	74.4	62.7	56.2	49.1	38.8	44.3	46.3	46.5
4	52.7	59.	72.	50.3	71.	64.3	56.	48.5	42.1	39.	48.5	50.3
5	53.	61.7	61.5	45.9	75.6	59.6	56.	37.6	37.2	44.1	48.7	47.5
6	50.7	34.8	48.5	33.2	72.6	56.6	42.5	55.2	57.	41.	47.9	33.6
7	48.5	58.6	57.2	42.3	70.6	56.8	55.8	56.2	55.8	44.9	47.1	32.6
8	71.8	59.2	51.	60.5	69.8	53.2	55.4	48.3	39.2	52.4	36.6	52.6
9	60.	69.9	72.9	59.7	60.1	67.7	48.3	39.2	39.	57.2	43.3	33.
10	60.	63.7	72.9	70.	63.3	61.3	47.9	42.7	40.9	43.7	48.3	45.7
11	60.	56.	43.1	74.8	65.7	64.5	55.2	50.	43.7	41.5	48.5	43.1
12	82.5	58.7	57.5	44.5	73.8	58.7	35.	55.8	48.7	46.9	47.7	43.7
13	57.9	65.9	72.9	58.1	72.2	54.8	33.6	51.8	55.2	41.7	46.9	45.5
14	60.	65.3	43.7	63.7	73.8	56.4	56.1	49.1	43.9	25.7	47.7	47.1
15	69.7	55.2	60.	70.8	71.8	61.7	55 8	54.6	47.9	48.9	55.	47.7
16	3.1	47.8	67.5	66.3	55.	58.	59.7	36.8	46.7	39.	49.6	47.7
17	.....	48.7	50.5	57.8	59.7	64.9	41.	45.3	55.8	41.	47.5	48.3
18	76.5	51.2	49.9	53.8	65.3	52.8	45.	53.8	38.2	56.6	42.5	47.7
19	100.	47.5	58.8	54.	43.3	57.	60.4	39.4	45.5	51.2	40.2	47.1
20	91.7	55.6	46.4	53.8	57.	47.7	66.9	35.8	56.6	48.5	49.3	47.7
21	2.8	55.	52.8	53.4	77.6	61.7	45.	45.1	47.3	47.9	41.1	48.3
22	85.7	53.	52.8	58.6	48.7	55.2	83.4	30.9	52.2	45.1	39.	48.1
23	85.9	51.4	52.8	61.1	58.	52.2	48.1	52.6	37.6	37.4	42.3	46.5
24	61.9	51.	56.	54.4	66.9	53.	47.5	53.8	50.8	29.4	46.3	43.4
25	72.2	48.5	50.6	48.3	69.4	56.8	46.9	41.1	36.	46.1	43.9	50.7
26	54.	51.4	42.3	53.4	53.2	56.8	41.4	52.4	47.5	52.2	43.1	58.8
27	60.9	56.6	34.1	57.2	64.9	74.1	41.9	44.9	45.5	48.1	43.7	42.
28	21.9	56.6	50.6	65.1	57.4	53.2	46.3	51.4	41.9	47.1	43.5	42.
29	51.2	56.6	58.1	75.	69.	49.1	62.3	50.6	43.1	33.8	......	42.
30	76.3	53.8	62.5	76.4	57.4	50.2	57.4	52.8	42.3	34.4	......	42.
31	.....	55.8	......	64.1	66.9	......	48.1	......	44.9	68.8	......	39.2
Average	56.8	55.	54.1	57.7	64.8	57.3	51.8	47.5	46.1	44.6	46.9	45.4

Average for year, 52.3.

Maximum daily pumping	100,000,000
Average " "	52,300,000
Minimum " "	0

TABLE "A" 8.

The following table shows the amount of coal burned at the High Service Pumping Station per million U. S. gallons of water pumped to the city:—

YEAR.	Bushels of Coal Used.	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
1885-1886	788,781	9,817,943,000	80.3
1886-1887	866,633	10,877,896,000	79.7
1887-1888	902,477	11,520,608,000	78.3
1888-1889	873,406	11,481,771,000	76.1
1889-1890	933,154	11,863,457,000	72.4
1890-1891	931,791	13,144,565,000	70.9
1891-1892	1,105,050	14,453,390,000	76.4
1892-1893	1,197,163	16,140,476,000	74.1
1893-1894	1,282,025	17,366,270,000	73.8
1894-1895	1,396,450	20,030,271,000	69.7
1895-1896	1,501,861	19,542,768,000	76.8
1896-1897	1,418,970	18,653,013,000	76.1

The following table shows the amount of coal burned at the Low Service Pumping Station, Bissell's Point, per million U. S. gallons of water pumped into settling basins:—

	Bushels of Coal Used.	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
1885–1886	289,703	9,924,698,000	29.2
1886–1887	360,018	10,979,076,000	32.8
1887–1888	397,761	11,665,516,000	34.1
1888–1889	474,363	11,644,333,000	46 5
1889–1890	414,946	11,939,159,000	34.8
1890–1891	474,889	13,177,804,000	36.0
1891–1892	537.050	14,602,274,000	36.7
1892–1893	637,308	16,447,584,000	38.7
1893–1884	666,475	17,447,937,000	38.2
1894–1895	622,856	16,256,910,000	38.3

The following table shows the amount of coal burned at the Low Service Pumping Station, Chain of Rocks, per million U. S. gallons of water pumped into settling basins:—

	Bushels of Coal Used.	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
1895–1896	233,636	18,537,270,000	12.6
1896–1897	236,614	19,083,797,000	12.4
1897–1898			
1898–1899			
1899–1900			
1900–1901			
1901–1902			
1902–1903			
1903–1904			
1904–1905			

NOTE.—The coal used is Southern Illinois steam coal. One bushel equals 80 pounds. The detailed statement of the coal burned and water pumped will be found in the tables showing the work of the high and low service engines.

SHOWING STATUS OF WATER DEPARTMENT FOR THE PAST SEVENTEEN YEARS.

"A" 9.

Year Ending March 31.	Expended for Operating and Maintaining Works.	Expended for Laying Water Pipe.	Expended for Extension of Pumping Works.	No. of U. S. Gallons of Water Pumped into the City.	Revenue.	Miles of Water Pipe in Service.	No. of Fire Plugs in Service.	No. of Taps in Service.	No. of Meters in Service.
1881	$224,981 72	$122,356 04	....	9,857,957,000	$ 660,024 75	212	1,842	20,204	573
1882	253,629 11	47,971 59	$ 9,367 58	9,852,430,000	706,145 65	225	1,965	21,745	905
1883	256,359 74	64,490 37	218,955 39	10,396,930,000	719,686 37	234	2,108	23,648	1,228
1884	259,173 41	66,159 84	175,545 00	9,542,471,000	736,694 26	238	2,168	25,321	1,522
1885	254,018 69	261,437 86	10,291 29	9,412,291,000	759,265 53	257	2,459	27,357	1,811
1886	233,800 68	232,446 54	81,221 14	9,817,943,000	800,325 70	279	2,685	29,884	2,143
1887	232,394 23	164,628 50	76,317 85	10,877,896,000	868,043 35	295	2,922	31,794	2,376
1888	238,700 29	141,600 04	91,867 45	11,520,608,000	919,975 18	314	3,161	34,022	2,662
1889	267,955 89	209,246 22	176,457 25	11,481,771,000	952,689 25	336	3,366	36,082	2,888
1890	251,258 41	104,595 64	235,422 07	11,863,457,000	1,017,016 20	354	3,515	38,183	3,115
1891	262,180 85	70,382 41	454,946 13	13,144,565,000	1,132,088 40	373	3,715	41,331	3,399
1892	316,229 74	149,202 64	830,335 94	14,453,390,000	1,173,998 30	393	3,916	44,382	3,601
1893	338,261 64	125,986 62	763,234 20	16,140,476,000	1,235,933 30	410	4,103	47,445	3,750
1894	371,806 30	196,019 70	702,577 66	17,366,270,000	1,250,935 25	447	4,504	50,540	3,850
1895	423,258 58	141,793 64	930,175 29	20,030,271,000	1,264,253 60	462	4,690	53,354	3,979
1896	401,611 77	391,400 99	362,501 21	19,542,768,000	1,310,412 45	493	5.020	56,865	4,092
1897	425,271 72	264,415 97	294,270 57	18,653,013,000	1,335,635 20	532	5.447	59,423	4,198

WATER PIPES LAID FROM APRIL 1, 1896, TO APRIL 1, 1897.—"B" 1.

STREET.	FROM	TO	SIZE OF PIPE AND LENGTH IN FEET.					No. of Fire Plugs.	Cost.	Date of Water Turned on.
			30 in.	20 in.	12 in.	8 in.	6 in.			
Arsenal st	Pennsylvania av	Virginia av					1346.5	4	$202 98	July 2, 1896.
Arlington av	Minerva av	Easton av					1646.5	3	271 84	Nov. 14, “
Arsenal st	Macklind av	Woods av	621.5	1677.0			784.5	9	1702 44	Feb. 26, 1897.
Benedict av	Prairie av	DeSoto av					519.5	2	120 87	April 4, 1896.
Bremen av	Hall st	Levee			1342.0		26.0	2	331 09	“ 23, “
Branch st	Hall st	Levee			543.5		24.0	2	138 01	“ 28, “
Blaine av	Tower Grove av	Thurman boul					1657.5	4	250 06	June 20, “
Bartmer av	Hodiamont av	City limits					488.5	1	110 91	July 15, “
Burd av	Wells av	Minerva av					1111.0	3	181 05	“ 18, “
Belt av	Easton av	St. Louis av			3453.5		101 0	8	923 00	“ 31, “
Bleech av	Ecoff av	400 ft. west					458.0	2	72 23	Sept. 1, “
Botanical av	Grand av	Vandeventer av					1517.5	3	238 72	“ 11, “
Bittner st	Church rd	Broadway					527.5	1	83 32	“ 15, “
Bircher st	Newstead av	Shreve av			2041.5		57.0	4	613 62	“ 25, “
Bartmer av	Belt av	Hamilton av		4178.0	17.0		113.5	3	2207 98	“ 25, “
Belt av	Minerva av	Page boul					556.5		94 04	“ 26, “
Blow st	Eugene av	500 ft. east					501.5	1	73 30	“ 29, “
Benton st	Leffingwell av	Garrison av					1413.0	1	216 15	Nov. 7, “
Blackstone av	Wells av	Page boul					1653.5	4	288 96	“ 9, “
Bingham av	Gravois av	Morgan Ford rd					1595.0	3	250 65	“ 14, “
*Bircher st	Florissant av	Newstead av			372.0					Oct. 3, “
*Blaine av	Grand av	Spring av					893.5	3		April, 10, “
*Berlin av	Newstead av	Taylor av					1034.5	1		Nov. 24, “
Cornelia st	Second st	Main st					353.5	1	61 22	April 14, “
Chambers st	Second st	Levee					880.0	3	150 80	May 8, “
California av	Magnolia av	Sidney st					948.0	3	143 98	June 10, “
California av	Russell av	Accomac st					710.0	1	100 65	“ 12, “
Clifton av	Wilson av	Columbia av					3013.0	6	437 15	Aug. 19, “
College av	Florissant av	Penrose st					1421.0	3	230 05	Sept. 1, “
Carter av	Grand av	John av					748.0	4	201 50	“ 3, “
Clay av	Lexington av	Ashland av					432.5		65 47	“ 5, “
Church road	Hall's Ferry rd	Bittner st					1772.0	3	280 60	“ 17, “
Clarence av	Broadway	Wabash Railroad					1969 5	4	310 42	“ 19, “
Carter av	Taylor av	Shreve av					1498 0	2	307 50	“ 26, “
Compton av	Meremac st	Chariton st					712.5	1	101 79	Oct. 6, “
Cates av	Hamilton av	Delmar boul			1651 0		46.5	3	394 31	“ 15, “
Cherokee st	Compton av	Grand av			1886 0		67.5	4	498 57	“ 20, “
Cote Brilliante av	Goodfellow av	Clara av					1347.5	3	281 00	“ 22, “
Clara av	Bartmer av	Easton av			3187 0		75.0	6	765.17	Nov. 6, “
Compton av	Meremac st	Gasconade st					555.5	2	91 12	“ 13, “

Canterbury boul	Tennyson sq	100 ft. east					109 5	1	22 32	Nov.	23,	1896.
Commonwealth av	Tennyson sq	Piccadilly av					1270.0	2	211 60	“	27,	“
Compton av	Chouteau av	Hickory st	594 0				16.0	...	681 21	March	20,	1897.
Chouteau av	Compton av (N.)	Compton av (S.)	163.0						236 22	“	25,	“
Douglas st	Main st	W. W. Grounds					196.0	...	30 90	April	18,	1896.
Destréhan st	Broadway	Second st					418.5	2	87 63	“	24,	“
Euclid av	Natural Bridge rd	2800 ft. north					2991.5	6	574 27	June	1,	“
Ecoff av	Manchester av	Old Manchester rd			1570 0		49.0	3	384 51	Sept.	1,	“
Ellendale av	Old Manchester rd	Emily st					979.0	3	156 66	“	15,	“
Emily st	Ellendale av	Fern st					312.0	1	50 22	“	15,	“
Eighth st	Loughborough av	Kansas st					1750.0	4	370 85	“	25,	“
Eugene av	Loughborough av	Blow st					642.5	2	97 14	“	26,	“
Fourteenth st	Salisbury st	Bremen av					868.5	1	135 47	April	1,	“
Ferry st	Eleventh st	Fourteenth st					511.0	2	85 85	“	3,	“
Fountain av	Bayard av	King's Highway boul					2369 5	3	398 95	May	26,	“
Forest Park boul	Vandeventer av	Sarah st					1456.0	3	234 30	June	19,	“
Florissant av	Marcus av	Calvary av					3273.5	6	521 72	Sept.	22,	“
Flora av	Grand av	Spring av			764.0		67.5	3	212 97	Oct.	10,	“
Fair av	Kossuth av	Lee av			511.5		39 0	1	139 32	“	15,	“
Ferry st	Fourteenth st	Blair av					499.0	1	79 65	“	24,	“
Folsom av	Grand av	Tower Grove av			4886.5	122.5	71.0	10	1800 70	Nov.	16,	“
Fern st	Emily st	Rosalie st					402.5	1	80 60	“	20,	“
Forest Park	North line	South line	202.5						223 06	“	1,	“
*Grove st	Bailey av	Lee av					1140.0	2		“	23,	“
Grand av	Shaw av	Winnebago st	3246.5	6063.5	103.0		367.5	12	6107 00	April	14,	“
Gravois av	Mississippi av	Salena st		428.0			27.0	1	216 83	June	4,	“
Grand av	Manchester av	Clark av					381.0	1	6885 00	“	23,	“
Gravois av	Gustine av	Morgan Ford rd					6238.5	9	914 35	Aug.	18,	“
Grand av	Carter av	400 ft. south					473.5	...	71 02	Sept.	3,	“
Gano av	Broadway	Blair av					1203.5	3	191 92	Oct.	24,	“
Goodfellow av	Bartmer av	Cote Brilliante av			4391.5		117.5	7	1085 01	“	24,	“
Gibson av	Newstead av	King's Highway boul					1753.0	3	291 88	Nov.	30,	“
*Hickory st	Armstrong av	500 ft. east					540.0	1		Aug.	15,	“
*Hickory st	California av	Ewing av					468.0	1		Dec.	18,	“
Hammett pl	Marcus av	1100 ft. west					1172.5	3	196 57	May	16,	“
Hamilton av	Easton av	Page boul			2154 0		62 5	5	585 37	July	8,	“
Hodiamont av	Easton av	Plymouth av					3068.0	8	626 70	“	14,	“
Hall's Ferry rd	Broadway	Church rd					1221.5	3	225 62	Sept.	17,	“
Haven st	Sixth st	Seventh st					356.0	1	63 26	“	21,	“
Henrietta st	Grand av	Theresa av					827 5	2	131 32	Oct.	1,	“
Hamilton av	Page boul	Cabanne av			3591.0		120.5	3	856 97	Oct.	10,	“
Itaska st	Minnesota av	Michigan av					355.0	1	110 52	“	2,	“
Iowa av	Miami st	Potomac st					684.5	1	97 21	“	13,	“
Illinois av	Broadway	Chippewa st					1145.0	2	176 57	“	15,	“
John av	Carter av	Penrose st					676.5	2	248 27	Sept.	1,	“
Julian av	Goodfellow av	Hamilton av					1045.0	2	180 00	Oct.	16,	“
Kennerly av	Lambdin av	Newstead av					1403.0	3	234 55	Sept.	8,	“
Kossuth av	Newstead av	Taylor av					1247.5	2	197 27	“	9,	“
Lee av	Newstead av	300 ft. west			321.0		44.0	2	80 45	June	6,	“
Lucky st	Pendleton av	Newstead av					780.5	2	126 42	Sept.	11,	“

WATER PIPES LAID FROM APRIL 1, 1896, TO APRIL 1, 1897.—"B" 1.— *Continued.*

STREET.	FROM	TO	SIZE OF PIPE AND LENGTH IN FEET. 30 in.	20 in.	12 in.	8 in.	6 in.	No. of Fire Plugs.	Cost.	Date of Water Turned on.
Louisiana av	Arsenal st	Sidney st			1303.0		740.0	1	$694 95	Oct. 19, 1896.
Linton av	Blair av	Twenty-first st					1078 0	2	170 70	" 20, "
Loughborough av	Broadway	300 feet east					154.5	1	68 07	Nov. 16, "
Lots 19 and 47	Rosalie st	Canterbury boul					332.0		53 12	" 23, "
*Michigan av	Magnolia av	180 ft. south			180 0		12.0	1		July 13, "
*Morgan Ford rd	Chippewa st	Bingham av					396.0			Dec. 22, "
May st	Second st	W. W. Grounds					481.0	3	86 55	April 18, "
Montgomery st	Second st	Levee					997.0	3	163 50	May 2, "
Madison st	Second st	Levee			884.0		7.0		213 37	" 7, "
Mississippi av	Chouteau av	Gravois av		5019.5	45.0		665.0	10	2738 72	June 4, "
Margaretta st	Newstead av	700 ft. west of Cora av					2249.0	4	356 75	" 6, "
Maryland av	800 ft. w. of Taylor av.	Euclid av					297.0	1	49 45	" 9, "
Michigan av	Arsenal st	Magnolia av			1160.0		49.0	4	311 21	July 2, "
Mary av	Florissant av	Carter av					884.5	3	174 07	Aug. 28, "
Magnolia av	Ecoff av	1000 ft. west					974.5	3	148 06	Sept. 3, "
Michigan av	Fassen st	Bates st					336.5	1	55 83	Oct. 1, "
Minnesota av	Itaska st	Delore st					663.0	2	135 20	" 3, "
Montana st	Louisiana av	400 ft. west					478.5	1	88 90	" 7, "
Minnesota av	Arsenal st	Magnolia av					1411 5	3	255 85	" 24, "
McPherson av	Taylor av	King's Highway boul			2507.5		32.5	5	1056 14	Dec. 24, "
Macklind av	Shaw av	Arsenal st	4510.5				418.5	3	5364 95	Feb. 26, 1897.
N. Market st	Hall st	300 ft. east			361.0		12.0	1	82 45	May 4, 1896.
Ninth st	Benton st	Montgomery st					610.5		91 81	" 13, "
Nebraska av	Magnolia av	Shenandoah av					1529.5	3	222.88	June 26, "
Nebraska av	Neosho st	Broadway					1866.0	4	300 41	July 16, "
Newstead av	Carter av	Lee av			1279.0		12.5	1	364 79	Sept. 7, "
Ninth st	Victor st	Barton st					371.0	1	60 50	Nov. 9, "
N. Dakota	Compton av	Virginia av					533.0	2	87.15	" 11, "
*Old Manchester rd	Columbia av	Magnolia av					393.0	1		Sept. 17, "
Ohio av	Sidney st	Shenandoah av					841.0	2	123 13	June 23, "
Old Manchester rd	Ecoff av	Ellendale av			1449.5		37.5	3	357 64	Sept. 9, "
Oregon av	Gasconade st	Meremac st					675.0	1	96 72	Oct. 9, "
Obear av	Florissant av	Carter av					386.5		59 17	" 26, "
Papin st	Sarah st	Boyle av					1172.0	3	223 35	June 10, "
Page boul	Union boul	Belt av		1401.0			54.0	3	763 40	Aug. 22, "
Pope av	Newstead av	Florissant av			2080.5		91 0	4	580 47	Sept. 5, "
Papin st	Grand av	Theresa av					752 0	2	113 72	" 16, "
Pennsylvania av	Loughborough av.	Stein st					2538.0	4	361.83	" 21, "
Page boul	Belt av	Hamilton av			3442.5		77.0	6	819.08	Oct. 6, "
Pennsylvania av	Chippewa st	Keokuk st					671.0	2	161 78	" 10, "

Penrose st	Gano av	John av					303.5		46 12	Oct.	26, 1896
Palm st	Fourteenth st	Blair av					338.0		53 70	"	30, "
Page boul	Hodiamont av	City limits			344.0		27.5	1	87 20	Nov.	19, "
*Rauschenbach av	N. Market st	Maiden lane					378 0	1		Oct.	31, "
Reilly av	Marceau st	Espenschied st					355.0	2	60 20	Sept.	17, "
Rosalie st	Fern st	City limits					581.5	3	105 04	Nov.	21, "
Second st	Angelica st	Grand av			2579.5		135.0	3	709 14	April	14, "
Sarah st	Laclede av	Clayton av			1991.5		81.5	5	434 87	June	18, "
Shaw av	Macklind av	Compton Hill res	10824.0	26.0	57.5		417.0	6	12377 21	Aug.	13, "
Seventh st	Haven st	Malt st					436.0	1	108 86	Sept.	23, "
Shreve av	Bircher st	Anderson av					989.5	3	169 82	"	26, "
Sidney st	Iron Mountain ry	Levee					400.5	1	59 67	Oct.	16, "
Stewart place	Easton av	Wells av					565.5	1	94 08	Nov.	16, "
Tyler st	Second st	Levee			803.0		36.0	3	194 10	May	12, "
Tower Grove av	Old Manchester rd	McRee av					1038.5	2	163 10	June	18, "
Theodosia av	Union boul	700 ft. east					810.0	2	149 60	Aug.	25, "
Taylor av	Newstead av	Carter av					934.5	2	146 77	Sept.	30, "
Theodosia av	Goodfellow av	900 ft. east					1023.0	3	215 58	Oct.	26, "
Tenth st	Madison st	St. Louis av					2158 5		325 87	Nov.	5, "
Tennyson sq	Canterbury boul	Commonwealth av					694.0	2	118 24	"	24, "
Vernon av	West End av	Marcus av					928.0	3	458 00	May	27, "
Vandeventer av	Duncan av	Westminster pl			2727.0		99.5	5	597 17	June	30, "
Virginia av	Shenandoah av	Magnolia av					1363.5	3	204 05	July	11, "
Virginia av	Osceola st	Neosho st					1378.0	3	202 03	Oct.	5, "
W. W. Grounds	Douglas st	May st					858.5	1	143 37	April	18, "
Wright st	Hall st	Levee			458.0		47.0	2	133 09	May	2, "
Warren st	Hall st	Levee					331.0	1	57 40	"	4, "
Wells av	Granville pl	Burd av					325.0		49 35	July	16, "
Wilson av	Famous av	Clifton av					238.0	1	36 13	Aug.	19, "
Whittier st	Lucky st	Garfield av					682.0		113 70	Sept.	10, "
Warne av	Greenlea pl	Florissant av			1031.5		25.0	2	268 82	Oct.	17, "
Wyandotte st	Broadway	Ohio av					663.0	1	103 65	Nov.	11, "
Wells av	Belt av	Union boul					1632.0	4	275 52	"	16, "
Wells av	Burd av	Hamilton av					2875 0	4	488 52	"	18, "
Wagner av	Hodiamont av	City limits					377.5	1	64 60	"	19, "
Totals			20162.0	18793.0	57470.0	122.5	128592.0	416	$68565 81		
									Or 42.64 Miles.		

* Street Service Department.

WATER PIPE OF ALL SIZES LAID UP TO APRIL 1, 1897.—"B" 2.

	48 in.	36 in.	30 in.	20 in.	15 in.	12 in.	10 in.	8 in.	6 in.	4 in.	3 in.	Total.
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Miles.
Pipe laid previous to Oct. 6, 1877	....	33213.0	16670.0	76024.0	41969.0	35591.0	45130.0	....	608626.0	9329.0	68414.0	177.0769
Laid from Oct. 6, 1877, to Apr. 1, 1896	1237.0	33787.0	56122.5	125414.0	11943.5	294302.0	7811.0	62829.0	1039085.5	1261.0	687.5	309.5606
Laid by private parties previous to April 1, 1896	....	....	....	....	....	1156.5	....	....	96475.5	....	....	18.4909
Laid from Apr. 1, 1896, to Apr. 1, 1897	....	....	20162.0	18793.0	....	57470.0	....	122.5	128592.0	....	....	42.6400
Total	1237.0	67000.0	92954.5	220231.0	53912.5	388519.5	52941.0	62951.5	1872779.0	10590.0	69101.5	547.7684
Pipe taken up and abandoned previous to April 1, 1896	....	30.0	1684.0	626.0	....	7881.5	1216.0	....	43970.0	934.0	8423.0	12.2659
Pipe taken up and abandoned from April 1, 1896, to April 1, 1897	....	....	....	597.5	....	....	....	....	17811.5	....	....	3.4866
Total pipe taken up, etc., to Apr. 1, '97	....	30.0	1684.0	1223.5	....	7881.5	1216.0	....	61781.5	934.0	8423.0	15.7525
Pipe in service Apr. 1, 1897 (feet)	1237.0	66600.0	91270.5	219007.5	53912.5	380638.0	51725.0	62951.5	1810997.5	9656.0	60678.5	532.0159
Pipe in service Apr. 1, 1897 (miles)	.2343	12.6837	17.2861	41.4787	10.2107	72.0905	9.7964	11.9226	342.9920	182.88	11.4921	532.0159

Pipes laid previous to October 6, 1877	177.0769	miles.
Pipe laid since October 6, 1877	370.6915	"
Total	547.7684	"
Pipe in service April 1, 1896	492.8625	"
Pipe laid April 1, 1896, to April 1, 1897	42.6400	"
Total	535.5025	"
Pipe taken up April 1, 1896, to April 1, 1897	3.4866	"
Total pipes in service April 1, 1897	532.0159	"

VALVES, FIRE PLUGS, ETC., IN SERVICE APRIL 1ST, 1897.—"B" 3.

DISTRICT.	No. Fire Plugs.	No. Private Fire Plugs.	NUMBER AND SIZE OF STOP VALVES.										NUMBER AND SIZE OF BLOW-OFF VALVES.				Air Taps.	PRIVATE VALVES.				No. Check Valves.	No. Manholes.
			36 in.	30 in.	20 in.	15 in.	12 in.	10 in.	8 in.	6 in.	4 in.	3 in.	12 in.	6 in.	4 in.	3 in.		8 in.	6 in.	4 in.	3 in.		
os. 1 and 2	1,393	23	29	7	36	2	119	3	16	943	4	14	19	15	.....	.....	22	2	11	37	37	18	19
No. 3	984	14	1	6	39	4	69	26	31	625	3	52	6	9	.....	2	7	......	14	73	63	11	......
No. 4	1,165	11	...	8	22	24	88	31	65	766	8	86	5	13	......	3	9	.....	43	287	159	12	.....
No. 5	765	8	1	13	34	13	62	9	15	562	3	16	2	14	2	.....	11	1	32	39	22	17	.....
Nos. 6 and 7	1,140	8	.....	5	45	11	70	7	6	769	1	7	......	12	1	6	19	4	32	85	27	15	.....
Totals	5,447	64	31	39	176	54	408	76	133	3,665	19	175	32	63	3	11	68	7	132	521	308	73	19

SIZE AND NUMBER OF TAPS INSERTED IN PIPE MAINS FROM APRIL 1ST, 1896, TO APRIL 1ST, 1897.—"B" 4.

MONTH.	½ inch.	⅝ inch.	¾ inch.	1 inch.	1¼ inch.	1½ inch.	1¾ inch.	2 inch.	Total Each Month.
April, 1896....	240	14	17	....	....	....	....	....	271
May, "	229	22	22	....	....	....	....	....	273
June, "	151	20	13	....	....	....	....	....	184
July, " ..	226	23	12	1	....	....	....	....	262
August, " ...	198	28	16	....	....	....	....	....	242
September, " ...	223	27	9	....	....	....	....	....	259
October, "	286	21	13	....	....	....	....	....	320
November, "	239	26	17	....	....	....	....	....	279
December, "	320	42	20	....	....	....	....	....	382
January, 1897....	86	12	11	....	....	....	....	....	109
February, "	113	22	11	....	....	....	....	....	146
March, "	142	25	10	....	....	....	....	....	177
Totals.......	2,450	282	171	1	....	....	....	....	2,904
May, 1867, to April 1st, 1896...	41,337	7,576	3,522	590	911	33	10	8	53,987
	43,787	7,858	3,693	591	911	33	10	8	56,891

Taps inserted previous to May, 1867 (estimated)........		5,060
Taps inserted since May, 1867, as per table		56,891
Total number inserted to April 1st, 1897........		61,951
Taps taken out to April 1st, 1896.	2,182	
Taps taken out from April 1st, 1896, to April 1st, 1897........	346	
Total number of taps taken out to date........		2,528
Total number of taps in service April 1st, 1897........		59,423

TABLE SHOWING SIZE AND NUMBER OF TAPS INSERTED IN PIPE MAINS FROM 1880 TO 1897 INCLUSIVE.—"B" 5.

SIZE.	½ inch.	⅝ inch.	¾ inch.	1 inch.	1¼ inch.	1½ inch.	1¾ inch	2 inch.	Totals.
April, 1880	217	194	157	20	51	....	....	....	639
April, 1881	905	178	69	18	35	....	....	....	1,205
April, 1882	1,138	237	91	17	57	....	....	....	1,540
April, 1883	1,273	249	70	14	54	....	....	....	1,660
April, 1884	1,374	462	92	9	71	....	....	....	2,008
April, 1885	1,656	458	69	8	39	....	....	....	2,230
April, 1886	1,887	460	83	15	40	....	....	....	2,493
April, 1887	1,520	330	80	16	26	4	....	8	1,796
April, 1888	1,830	310	114	9	25	1	....	....	2,289
April, 1889	1,811	285	80	6	17	2	....	....	2,201
April, 1890	1,746	318	118	25	24	2	....	....	2,233
April, 1891	2,699	472	261	7	3	....	....	....	3,442
April, 1892	2,709	257	228	9	....	....	....	....	3,203
April, 1893	2,779	317	216	4	....	....	....	....	3,316
April, 1894	2,887	354	182	4	....	....	....	....	3,427
April, 1895	2,457	368	189	....	....	....	....	....	3,014
April, 1896	3,253	368	209	....	....	....	....	....	3,830
April, 1897	2,450	282	171	1	....	....	....	....	2,904
Totals......	34,591	5,899	2,479	182	442	9	....	8	43,600

PRIVATE CONNECTIONS PUT IN FROM APRIL 1, 1896, to APRIL 1, 1897. — "B" 6.

STREET.	BETWEEN	AND	Size in.	STOP VALVES.			District.	DATE.	OWNER.	USED FOR
				3 in.	4 in.	6 in.				
O'Fallon Park			4		1		1	April 30, 1896	Park Department	Supply.
Channing av		Cook av	4		1		3	May 4, "	Huse & Loomis Ice & Trans. Co.	"
Madison st	Levee	Main st	6			1	2	May 6, "	F. H. Logeman Chair Mfg. Co.	Fire protection.
Chambers st	Main st	Second st	6			1	2	May 8, "	Mound Coffin Co	"
Fourth st.		Pine st	3		1		4	May 26, "	Mississippi Valley Trust Co	Elevators.
Labadie av	Prairie av	Lambdin av	6			1	2	May 30, "	Fair Grounds Real Estate Co.	Supply.
Lucas av		Jefferson av	3		1		4	June 2, "	Union Dairy Co.	"
Second st	Morgan st	Franklin av	4		1		3	June 5, "	L. M. Rumsey Mfg. Co	Fire protection.
Mallinckrodt st	Main st	Second st	6			1	1	June 10, "	Mallinckrodt Chemical Co.	"
Broadway	Dorcas st.	Lynch st	4		1		6	June 22, "	American Brewing Co	Supply.
Main st	Mound st	Brooklyn st	6			1	2	July 30, "	St. Louis Victoria Floor Mills	Fire protection.
Olive st	Ninth st	Tenth st	3	1			4	Aug. 8, "	Wm. H. Thompson	Elevator.
Shenandoah av		Spring av	3	1			6	Aug. 18, "	Shenandoah av. property owners.	Supply.
Fourth st	Washington av	St. Charles st	6			1	4	Aug. 20, "	Collier Estate	Fire protection.
Seventeenth st.	Chestnut st.	Pine st	3	1			4	Aug. 20, "	Temporary City Hospital	Supply.
Tower Grove av		Botanical av	6			1	6	Aug. 21, "	Botanical av. property owners	"
Russell av		Thurman Boul	6			1	6	Aug. 21, "	Russell av. property owners	"
Russell av		Tower Grove av	6			1	6	Aug. 21, "	Russell av. property owners	"
Meramec st		Grand av	4		1		7	Sept. 2, "	Shooting The Chutes Co	"
Olive st	Seventh st	Eighth st	4		1		4	Sept. 9, "	Chemical Building Co	"
Shenandoah av	Lemp av	Salena st	3		1		6	Sept. 11, "	Consumers Brewing Co	"
Cass av	Broadway	Collins st	4		1		3	Sept. 18, "	L. & N. Railroad Co	Fire protection.
Taylor av.	Bell av	Suburban R. R	4		1		3	Sept. 21, "	Mayfield Sanitarium	Elevator.
Washington av	Eleventh st	Twelfth st	4		1		4	Sept. 24, "	Lindell Real Estate Co	Fire protection.
Washington av	Eleventh st	Twelfth st	4		1		4	Sept. 24, "	Lindell Real Estate Co	"
Loughborough av	Grand av	Eugene av	4		1		7	Sept. 24, "	Carondelet Park	"
Twenty-first st	Olive st	Locust st	6		1		4	Oct. 15, "	Hamilton Brown Shoe Co	"
Twenty-first st	Olive st	Locust st	6		1		4	Oct. 15, "	Hamilton Brown Shoe Co	"
Taylor av		Duncan av	6				4	Oct. 17, "	City Pipe Yards	"
Thurman Bl		Park av	6			1	5	Nov. 9, "	Liggett & Myers	Supply.
Thurman Bl		Folsom av	6			1	5	Nov. 9, "	Liggett & Myers	"
Chestnut st	Nineteenth st	Twentieth st	6			1	4	Nov. 14, "	J. E. Liggett	Fire protection.
Barton st	DeKalb st	Kosciusko st	4		1		6	Nov. 24, "	Mound City Distilling Co.	Supply.
Pine st	Ninth st	Tenth st	3		1		4	Dec. 24, "	Chas. G. Stifel	"
Clark av	Fourth st.	Broadway	6			1	4	Dec. 28, "	Gray Estate	Fire protection.
Seventh st	Pine st	Olive st	3		1		4	Jan. 9, 1897	Holland Bldg. Co.	Supply.
O'Fallon Park			3	1			1	Mar. 12, "	Park Department	"
Second st	Arsenal st	Dorcas st	4		1		6	Mar. 17, "	Anheuser-Busch Brewery Ass'n.	"
Second st	Arsenal st	Dorcas st	4		1		6	Mar. 17, "	Anheuser-Busch Brewery Ass'n.	"
Old Manchester		Papin st	6		1	1	4	Mar. 30, "	St. L. Dressed Beef & Prov. Co.	Fire protection.

SCHEDULE OF CONTRACTS.—"C" 1.

No. of Ordinance.	Appropriation.	Description of Contract.	Contractors.	No. of Contract.	Estimated Amount of Contract.	Expended Previous to Last Report, '95 to '96.	Expended Since Last Report, '95 to '96.	Total Expended.	Expended on Pipe Distribution. '96 to '97.	Balance Available.	
17651	$70,000 00	Eight Horizontal Water Tube Boilers ...	Geary Water T. B'ler Co.	3759	$ 34,000 00	$ 27,046 67	....	$ 27,046 67	....	$ 32,122 39	
		Eight Horizontal Water Tube Boilers ...	Miscellaneous	....	....	10,830 94	....	10,830 94	....		
R. Ord.		Coal for Chain of R'ks	The Con. Coal Co. of St.L.	4006	12,210 00	5,524 00	$ 5,469 80	10,993 80	....		Completed
		Coal for Bissell's P'nt	The Con. Coal Co. of St. L.	4011	40,600 00	29,874 51	30,456 33	60,330 84	....		"
18087	70,000 00	Laying Water Pipe...	Geo. P. Prendergast......	4062	8,578 00	5,875 33	3,070 69	8,946 02	$ 3,070 69		
		Laying Water Pipe...	R. J. Macdonald & Co....	4063	18,183 50	12,217 20	12,719 29	24,936 49	12,719 29	25,499 87	"
		Riv. DesPeres Bridge	A. Schnadelbach	4221	9,036 27	....	10,544 92	10,544 92	10,544 92		
		Riv. DesPeres Bridge	Miscellaneous	....	....	....	72 70	72 70	72 70		
18187	32,000 00	Laying Water Pipe...	Geo. P. Prendergast......	4092	10,153 00	....	10,375 86	10,375 86	10,375 86		
		Laying Water Pipe...	R. S. Colnon	4093	10,486 00	....	11,998 51	11,998 51	11,998 51	9,587 86	"
		Laying Water Pipe...	Miscellaneous	....	....	....	37 77	37 77	37 77		
18188	85,000 00	Water Pipe	Howard Harrison I. Co..	4087	68,760 00	30,240 00	40,497 18	70,737 18	40,497 18		"
		Special Castings......	Todd Pul'y & Shaft W'ks	4088	5,232 00	2,636 93	2,848 21	5,485 14	2,848 21		"
		Stop Valves.	Fulton Iron Works.	4089	3,777 50	....	4,458 28	4,458 28	4,458 28	1,741 18	"
		Fire Plugs	Pleuger & Henger M. Co.	4090	2,100 00	2,310 00	....	2,310 00	....		"
			Miscellaneous	...	....	... .	268 22	268 22	268 22		
R. Ord.		Coal for Bissell's Pn't	The Con. Coal Co. of St. L	4288	65,000 00	....	35,747 80	35,747 80	....		
R. Ord.		Coal for Baden	The Con. Coal Co. of St. L.	4289	10,800 00	....	....	....	....		
R. Ord.		Coal for Chain of R'ks	The Con. Coal Co. of St. L.	4290	14,000 00	....	7,163 26	7,163 26	....		
18525	23,000 00	Laying Water Pipe...	R. J. Macdonald & Co....	4344	9,410 50	....	9,306 08	9,306 08	9,306 08		
		Laying Water Pipe...	Patrick O'Donnell	4345	8,210 00	....	8,060 63	8,060 63	8,060 63	5,618 04	
		Laying Water Pipe...	Miscellaneous	....	....	....	15 25	15 25	15 25		"
18564	77,000 00	Stop Valves..........	Geo. J. Fritz F. & M. Co..	4342	2,625 00	....	2,633 88	2,633 88	2,633 88		"
		Fire Plugs	Geo. J. Fritz F. & M. Co..	4343	1,375 00	....	1,375 00	1,375 00	1,375 00	18,891 69	"
		Water Pipes.........	Howard Harrison I. Co..	4350	53,028 00	....	51,700 01	51,700 01	51,700 01		"
		Special Castings	Howard Harrison I. Co..	4351	2,505 00	....	2,399 42	2,399 42	2,399 42		
18566	163,000 00	Water Pipes	Howard Harrison I. Co..	4420	100,697 00	....	71,784 00	71,784 00	71,784 00		
		Special Castings......	Howard Harrison I. Co..	4421	6,388 00	....	5,030 55	5,030 55	5,030 55	70,965 93	"
		Stop Valves..........	St. L. Iron & Mach. Co ...	4431	7,401 00	....	7,568 38	7,568 38	7,568 38		
		Laying Water Pipes..	Geo. P. Prendergast	4432	24,241 00	....	7,651 14	7,651 14	7,651 14		

Total amount expended for Pipe Distribution from April 1st, 1896, to April 1st, 1897..................$264,415 97

WATER WORKS EXTENSION CONTRACTS.—"C" 2.

No. of Ordinance.	Appropriati'n	DESCRIPTION OF CONTRACT.	CONTRACTORS.	No. of Contract	Estimated Amount of Contract.	Expended previous to last Report, '95 to '96.	Expended since last Report '95 to '96.	Total Expended.	Expended on Extension.	Balance Available.	
17006	$220000 00	H. S. Engines Nos. 7 and 8..	Edw. P. Allis Co......	3549	$ 132,000 00	$ 23,963 42	$ 82,554 98	$ 106,518 40	$ 82,554 98	$ 103,889 19	
		Iron Work and gates of Baden Gate Chamber	Rankin & Fritsch Fdy. & Machine Co.......	3530	5,416 21	5,411 91	.. ..	5,411 91	....		Completed
		Baden Gate Chamber House.	McCully Stone M. Co.	3574	3,398 00	3,407 75	....	3,407 75	....		"
		Suction and Delivery Valves.	Michigan Brass & I. Works.........	4478	4,990 00	....	....	......	....		
		H. S. Engines, Baden.........	Miscellaneous	..	....	213 70	559 05	772 75	559 05		
17263	250000 00	L. S. Engines Nos. 6 and 7....	Edw. P. Allis Co	3571	156,000 00	162,158 93	8,546 01	170,704 94	8,546 01	44,294 01	"
		Piping for Engine House. ...	Kupferle Bros. Mf. Co	3616	4,446 00	6,146 92	....	6,146 92	....		"
		Machine Shop Equipment....	Geo. J. Fritz.........	3643	4,700 00	2,666 00	....	2,666 00	....		"
		Cistern and Pipes.	Aug. & John C. Heman	3734	2,123 00	2,145 70	....	2,145 70	....		"
		Water Tube Boilers.........	National Water Tube Boiler Co...........	3578	19,868 00	6,961 00	....	6,961 00	....		"
		L. S. Engines Nos. 6 and 7. ..	Miscellaneous.........	....	....	17,081 43	....	17,081 43	. ...		
17339	200000 00	Engine, etc., Foundations, Baden	Thompson & Gray.. .	3674	107,470 00	95,764 03	20,064 25	115,828 28	20,064 25	70,118 24	"
		20 ton Electric Trav. Crane..	Pawling & Harnischfeger	4016	4,600 00	3,910 00	816 00	4,726 00	816 00		"
		Engine Foundations H. S. Station No. 3.......	Francis McCabe.....	4474	6,993 25	....	3,861 27	3,861 27	3,861 27		
		Engine, etc., Foundations, Baden	Miscellaneous.........	...	....	2,096 24	3,369 97	5,466 21	3,369 97		
17340	36000 00	Coal and Material Yards.....	Miscellaneous.........	....	....	28,399 46	....	28,399 46	....	7,600 54	
17652	130000 00	Pump Main No. 7........	Howard Harrison Iron Co	3839	66,040 95	69,146 06	....	69,146 06	....	34,335 52	"
		" "	Howard Harrison Iron Co.....	3840	3,388 00	3,730 50	....	3,730 50	....		"
		" "	Coffin Valve Co......	3841	4,765 00	4,830 38	....	4,830 38	....		"
		" "	Thompson & Gray....	3842	18,060 50	12,080 59	5,857 91	17,938 50	5,857 91		
		" "	Miscellaneous.........	....	....	19 04	....	19 04	....		
17737	250000 00	H. S. Machine Shop and Coal House	Anderson Bros..	3997	34,940 00	28,161 88	7,061 84	35,223 72	7,061 84	101,738 23	"
		H. S. Engine House..........	Anderson Bros..	4000	53,373 00	26,907 86	27,302 07	54,209 93	27,302 07		"
		H. S. Boiler House, etc.......	Wm. McCully..... ...	4168	40,250 00	....	40,728 65	40,728 65	40,728 65		"
		Blacksmith Shop and Oil House................	Wm. McCully.........	4376	6,200 00	....	7,242 81	7,242 81	7,242 81		"
		H. S. Buildings, Baden..... ..	Miscellaneous.........	....	....	256 29	10,600 37	10,856 66	10,600 37		
18085	225000 00	H. S. Engines Nos. 9 and 10...	Edw. P. Allis Co......	4427	167,000 00	....	38,627 30	38,627 30	38,627 30	185,802 70	
		" " " 9 and 10...	Miscellaneous.	....	....	....	570 00	570 00	570 00		
18562	225000 00	L. S. Engines Nos. 8 and 9....	Edw. P. Allis Co	4481	126,400 00	....	....	....	....		
18563	175000 00	Pump Main No. 8.............	Howard Harrison Iron Co.............	4422	98,902 40	....	33,900 00	33,900 00	33,900 00	139,691 45	
		" " "	Howard Harrison Iron Co.............	4423	2,395 50	....	1,408 55	1,408 55	1,408 55		
		" " "	Michigan Brass & I. Works..........	4433	3,090 00	....	....	....	....		
18565	100000 00	Stand Pipe Foundations at Compton Hill	Richard Widdicombe.	4456	6,982 63	....	1,199 54	1,199 54	1,199 54	98,800 46	

Total amount expended on High Service Extension........................	$243,358 56
" " " " Low Service Extension..............................	8,546 01
" " " " Pump Mains and Stand Pipe..........................	42,366 00

WATER WORKS FUND — "D" 1.

Appropriated by —		
Ordinance No. 18,577 Commissioner's Office......		$10,000 00
" " " Distribution System.......		18,000 00
" " " Tap and Meter Department.		16,000 00
" " " High and Low Service Engines..	$270,000 00	
Transferred to Settling Basins by Ord. No. 18,804.	15,000 00	255,000 00
Appropriated by Ord. No. 18,577 Settling Basins..	60,000 00	
Transferred from High and Low Service Engines by Ordinance No. 18,804......................	15,000 00	75,000 00
Appropriated by —		
Ordinance No. 18,577 Street Service Department .		75,000 00
" " " Inspection................		8,600 00
" " " Storage Reservoir.........		10,000 00
		$467,600 00
Transferred from "Contracts and other deposits" to Street Service Department..................		8,231 77
		$475,831 77
Amounts refunded to Street Service Department from "Contracts and other deposits" for doing private work..................................	$8,231 77	
Amounts received by Assessor and Collector of Water Rates, for material and labor furnished on taps, shut-offs, repairing meters, etc.......	10,414 65	
Amounts received for old boilers, cast and wrought iron scrap, etc................................	3,071 78	
Amount transferred back to water works revenue	28,841 85	50,560 05
Net cost for maintenance of Water Commissioner's Department for the year ending April 1st, 1897.		$425,271 72

WATER PIPE FUND — "D" 2.

Appropriated by Ordinance No. 18,491	$ 461 35
" " " 18,492	592 25
" " " 18,493	232 50
" " " 18,494	280 00
" " " 18,495	473 65
" " " 18,496	474 70
" " " 18,497	263 50
" " " 18,498	389 87
" " " 18,499	632 70
" " " 18,500	983 15
" " " 18,501	225 00
" " " 18,502	1,050 00
" " " 18,503	1,145 30
" " " 18,504	585 00
" " " 18,525	23,000 00
" " " 18,564	77,000 00
" " " 18,566	163,000 00
" " " 18,823	26,000 00
" " " 18,844	79,000 00
	$375,788 97

Re-appropriated to relief of Henry Hiemenz, jr., Ordinance No. 18,491	$461 35	
Re-appropriated to relief of Nicholls-Ritter R. & F. Co., Ordinance No. 18,492	592 25	
Re-appropriated to relief of W. J. Brennan and Sarah A. McNamee, Ordinance No. 18,493	232 50	
Re-appropriated to relief of A. P. De Camp, Ordinance No. 18,494	280 00	
Re-appropriated to relief of H. L. Cornet, Ordinance No. 18,495	473 65	
Re-appropriated to relief of H. L. Cornet, Ordinance No. 18,496	474 70	
Re-appropriated to relief of Isaac N. Miller, Ordinance No. 18,497	263 50	
Re-appropriated to relief of Isaac N. Miller, Ordinance No. 18,498	389 87	
Re-appropriated to relief of Euclid Park Improvement Co., Ordinance No. 18,499	632 70	
Re-appropriated to relief of Connecticut Mut. Life Ins. Co. et al, Ordinance No. 18,500	983 15	
Re-appropriated to relief of Marada R. E. Co., Ordinance No, 18,501	225 00	
Re-appropriated to relief of C. W. Rutledge, F. W. Mott et al., Ordinance No. 18,502	1,050 00	
Re-appropriated to relief of Thomas Noonan, Ordinance No. 18,503	1,145 30	
Re-appropriated to relief of C. C. Newberry, Ordinance No. 18,504	585 00	
Re-appropriated to lay water pipe, Ordinance No. 18,525	23,000 00	
Re-appropriated to purchase of water pipe, Ordinance No. 18,564	77,000 00	
Re-appropriated to purchase and lay water pipe, Ordinance No. 18,566	163,000 00	
Re-appropriated to lay water pipe, Ordinance No. 18,823	26,000 00	
Re-appropriated to purchase of water pipe, Ordinance No. 18,844	79,000 00	
		$375,788 97

WATER WORKS EXTENSION FUND — "D" 3.

Appropriated by Ordinance No. 18,562		$225,000 00
" " " " 18,563		175,000 00
" " " " 18,565		100,000 00
" " " " 18,577		50,000 00
Transferred back to Water Works Extension Fund from Ordinance No. 15,298		16,208 75
		$566,208 75
Re-appropriated to —		
Water Works Extension Fund to build Low Service Pumping Engines Nos. 8 and 9 by Ordinance No. 18,562	$225,000 00	
Water Works Extension Fund to lay Pump Main No. 8 by Ordinance No. 18563	175,000 00	
Water Works Extension Fund to build Compton Hill Stand Pipe by Ordinance No. 18,565	100,000 00	
Water Works Extension Fund Salaries and Expenses by Ordinance No. 18,577	50,000 00	
		550,000 00
Unexpended balance transferred back to revenue		$16,208 75

COMMISSIONER'S OFFICE.—"D" 4.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls	$660 00	$660 00	$660 00	$660 00	$660 00	$660 00	$660 00	$660 00	$660 00	$660 00	$660 00	$701 29	$7961 29
Stationery and printing	1 70	......	93 49	19 00	123 00	32 80	12 80	19 30	94 49	139 05	15 50	81 38	632 51
Office furniture, supplies, etc	4 70	113 00	2 75	4 50	40 63	27 40	9 20	13 75	7 75	23 60	1 80	123 75	372 83
Keep of horse and buggy	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	240 00
Washing towels	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	....	44 00
Stamps, telegrams, etc	....	......	....	....	....	8 05	....	6 75	......	....	....	9 85	24 65
Rent of telephones	50 00	......	......	25 00	......	25 00	......	....	25 00	....	25 00	50 00	200 00
Testing coal	25 00	25 00	25 00	15 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	290 00
	$765 40	$822 00	$805 24	$747 50	$872 63	$802 25	$731 00	$748 80	$836 24	$871 65	$751 30	$1011 27	$9765 28

TAP AND METER DEPARTMENT.—"D" 5.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-Rolls	$320 00	$320 00	$320 00	$320 00	$320 00	$320 00	$320 00	$320 00	$320 00	$320 00	$320 00	$320 00	$3840 00
Horses, keep of horses, etc	80 20	83 25	83 25	88 81	227 69	177 50	86 35	77 00	84 50	87 00	77 63	110 90	1264 08
Wagons, harness and repairs	....	....	162 40	7 30	4 00	51 50	68 10	2 75	5 65	2 60	......	9 75	314 05
Tools and repairs	....	....	80	....	....	......	11 25	....	......	....	6 70	....	18 75
Office supplies and repairs	......	18	......	....	95	3 80	......	69 95	11 10	9 75	3 50	2 05	101 28
Screw taps	......	260 00	140 00	50 00	100 00	160 00	150 00	140 00	240 00	110 00	......	200 00	1550 00
Steel taps and tapping machine repairs	5 00	.....	......	4 59	....	4 59	.....	....	......	....	......	......	14 18
Meters and repairs	13 51	28 50	120 50	27 50	163 76	36 79	586 09	192 65	249 45	15 75	524 99	95 01	2054 50
Materials and labor placing & repairing meters	355 00	355 00	355 00	355 00	355 00	355 00	358 00	340 33	366 29	355 00	351 00	401 23	4301 85
	$773 71	$1046 93	$1181 95	$853 20	$1171 40	$1109 18	$1579 79	$1142 68	$1276 99	$900 10	$1283 82	$1138 94	$13458 69
Less putting in taps												$9097 45	
Repairing and testing private meters												1225 20	$10322 65
													$3136 04

STREET SERVICE DEPARTMENT.—"D" 6.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-roll	$4442 63	$4531 13	$4694 75	$4731 63	$4699 13	$4793 75	$4896 92	$5035 00	$5110 25	$4753 25	$4965 00	$5260 03	$57913 47
Pay-roll pipe yard	364 50	367 75	364 50	317 75	369 75	362 50	390 00	289 00	303 00	393 00	375 25	391 12	4288 12
Pay-roll inspection	588 00	694 00	700 00	716 00	766 00	764 00	687 00	660 00	840 00	954 00	794 00	827 00	8990 00
Horses, keep of horses, etc.	107 87	64 90	82 99	91 47	97 04	333 55	81 01	127 56	78 49	84 35	76 56	85 94	1311 73
Wagons, harness and repairs	207 55	85 75	167 90	73 55	......	108 75	......	28 00	42 90	11 40	......	10 30	736 10
Tools and repairs	41 80	65 85	56 90	39 50	8 50	5 10	......	62 96	21 95	134 30	80 52	41 75	559 13
Hemp and rubber packing	......	106 99	......	10 75	60 72	......	141 89	......	......	......	......	......	320 35
Rubber valves, gaskets, etc.	......	......	......	......	1 60	65 28	......	......	51 82	......	......	......	118 70
Oil and white lead	17 65	12 80	......	10 76	1 31	9 45	2 79	15 94	13 60	22 86	......	22 07	129 23
Pig lead	......	......	......	......	......	......	......	......	294 35	......	......	......	294 35
Coal and wood	11 00	5 00	......	15 50	11 00	......	35 00	28 12	11 40	38 40	45 56	62 46	263 44
Street car tickets	20 00	......	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	......	20 00	200 00
Office supplies and repairs	17 56	16 00	11 49	50 30	12 70	......	25 75	88 21	39 81	34 25	5 00	26 70	327 77
Rent of pipe yard, telephone, etc.	......	25 00	3 00	......	......	25 00	......	25 00	......	......	25 00	......	103 00
Stop valves, boxes and repairs	20	101 50	......	116 85	123 85	62 75	58 70	......	140 85	138 35	32 50	......	775 55
Fire plugs, boxes and repairs	......	66 75	......	99 20	123 85	8 25	143 25	......	170 93	137 25	32 50	66 50	848 48
Water pipes and special castings	......	......	......	......	......	443 90	......	11 00	......	109 35	......	......	564 25
Materials, etc., for maintenance	21 50	63 43	75 91	45 00	6 00	488 95	367 15	377 59	125 52	314 05	228 06	99 41	2212 57
Running pump at River des Peres	204 30	245 33	290 16	216 90	330 91	275 62	262 17	264 04	255 69	288 48	247 46	335 52	3216 58
	$6044 56	$6452 18	$6467 60	$6555 16	$6632 36	$7766 85	$7111 63	$7032 42	$7520 56	$7433 29	$6907 41	$7248 80	$83172 82
Material, labor and hauling doing private work												8231 77	
Labor employed making shut-offs, and condemned property sold												1714 58	9946 35
													$73226 47

DISTRIBUTION SYSTEM.—"D" 7.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-roll	$1141 00	$1137 50	$1145 17	$1191 00	$1236 69	$1225 50	$1169 50	$1134 50	$1105 25	$1050 00	$1050 00	$1021 45	$13607 56
Horses, keep of horses, etc	43 50	38 50	21 65	65 00	44 00	56 00	45 00	67 75	43 80	19 85	48 75	135 77	629 57
Wagons, harness and repairs	......	76 50	1 50	2 85	65	109 50	9 50	......	3 85	......	......	1 25	205 60
Drawing materials, printing, etc.	98 41	6 25	9 00	17 50	73 40	34 07	3 25	15 00	......	9 00	3 25	160 75	429 88
Wood for stakes	......	......	......	10 24	......	12 80	12 80	12 80	......	......	......	25 60	74 24
Street car tickets	......	20 00	......	......	20 00	20 00	......	20 00	......	......	20 00	......	100 00
Testing, analysis, etc.	40 30	......	......	......	......	24 00	27 00	109 50	27 50	20 00	......	......	248 30
Surveying instruments and repairs	......	......	59 14	46 75	4 80	1 00	......	1 00	8 00	......	7 50	78 75	206 94
Pipe inspection expenses	98 50	61 50	......	4 40	......	96 50	70 00	.37 50	113 00	73 60	70 00	59 55	684 55
	$1421 71	$1340 25	$1236 46	$1337 74	$1379 54	$1579 37	$1337 05	$1398 05	$1303 40	$1172 45	$1199 50	$1483 12	$16186 64
Less one condemned horse sold													$5 00
													$16181 64

HIGH SERVICE ENGINES, BISSELL'S POINT.—"D" 8.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-roll	$5000 00	$5151 80	$5000 00	$5000 00	$5000 00	$5000 00	$5000 00	$5000 00	$5029 03	$5000 00	$5045 60	$5254 04	$60480 47
Coal	4171 13	5081 90	4849 31	4750 59	11603 40	6775 68	5022 92	4528 66	5482 32	4916 94	4821 24	4200 04	66204 13
Repairs to machinery and boilers	2541 69	3309 05	2881 86	3190 09	3452 51	2058 70	2735 23	2552 58	2419 60	2702 77	2694 99	2669 23	33208 30
Tools and repairs	....	6 00	145 10	53 80	2 30	74 55	63 75	17 18	....	39 35	....	148 30	550 33
Oils and tallow	....	148 93	75 04	126 18	74 14	92 93	57 95	96 96	42 03	99 78	115 15	50 70	979 79
Hemp packing and white waste	....	38 48	42 85	77 48	....	2 88	6 53	41 34	41 34	....	40 76	....	291 66
Rubber valves, packing and hose	....	107 75	....	156 92	159 06	....	80 25	....	18 62	58 20	....	62 20	643 00
Engine house supplies	....	438 71	983 53	177 62	442 20	295 05	536 19	340 88	168 32	638 76	512 51	254 34	4788 11
Repairing buildings	288 90	38 90	222 15	211 90	283 90	1841 69	2736 67	748 12	90 00	133 75	130 25	105 01	6831 24
Carriage to pay men	....	....	....	....	....	....	....	7 00	7 00	7 00	7 00	7 00	35 00
Rent of telephone, W.W. ext'n, etc	....	....	....	100 00	90 00	75 00	121 20	107 80	588 99	245 50	116 80	102 40	1547 69
	$12001 72	$14321 52	$14199 84	$13844 58	$21107 51	$16216 48	$16360 69	$13440 52	$13887 25	$13842 05	$13484 30	$12853 26	$175559 72
Old engine and boiler, scrap cast and wrought iron, etc., sold													1442 70
													$174117 02

LOW SERVICE ENGINES, CHAIN OF ROCKS.—"D" 9.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-roll	$2000 00	$2000 00	$2000 00	$2060 00	$2000 00	$2000 00	$2000 00	$2000 00	$2000 00	$2000 00	$2000 00	$2174 19	$ 24174 19
Coal	915 83	920 31	622 93	864 81	2145 92	828 64	1144 61	1452 56	710 92	1180 47	1086 16	759 90	12633 06
Repairs to machinery and boilers	1119 16	965 21	1122 50	1456 83	1257 72	958 79	1190 49	1088 80	1206 86	1224 92	918 35	1320 66	13830 29
Tools and repairs	....	45 00	14 63	75 00	4 50	....	40 48	....	....	58 67	....	20 50	258 78
Oils and tallow	....	112 42	36 87	108 18	85 30	123 73	67 95	61 53	11 17	63 65	73 52	103 56	847 88
Hemp packing and white waste	....	173 74	183 53	1 81	93 88	35 62	90	....	41 73	71 51	172 20	110 82	885 74
Rubber valves, packing and hose	....	117 84	17 61	....	....	....	9 20	....	....	102 50	21 00	....	268 15
Engine house supplies	....	99 84	932 20	336 41	167 93	214 84	214 10	534 97	16 55	56 62	115 65	233 35	2922 46
Repairing buildings	....	....	....	396 70	117 00	148 13	43 50	....	54 00	....	....	55 16	814 49
Water Works Extension, Settling Basins, etc.	....	200 00	35 00	....	....	....	....	1510 06	78 75	61 50	....	29 37	1914 68
Transportation of men to Chain of Rocks	....	....	....	300 00	390 00	390 00	375 00	504 10	450 00	465 00	465 00	420 00	3759 10
	$4034 99	$4634 36	$4965 27	$5539 74	$6262 25	$4699 75	$5086 23	$7152 02	$4569 98	$5284 84	$4851 88	$5227 51	$ 62308 82

SETTLING BASINS, BISSELL'S POINT.—"D" 10.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls, foreman and gatekeepers	$ 344 00	$ 394 00	$ 330 00	$ 338 00	$ 338 00	$ 330 00	$ 330 00	$ 270 00	$ 228 00	$ 282 00	$ 305 25	$ 464 43	$ 3,961 68
Pay-rolls, cleaning basins					124 99								124 99
Grounds, roads and fences	410 00	345 74	564 87	617 74	740 59	257 62	92 75	124 24		237 12	211 10	3224 93	6,826 75
Railroads and switches		45 70	164 87	14 25		8 50	90 00	70 75			62 50	170 56	627 13
Sewers, pipes, drains, etc												111 24	111 24
Repairing gatehouses, basins, etc				378 60	164 99	7 25							550 84
Tools and repairs	3 20	76 29		10 75	34 65	26 55		2 50	12 50	2 55		59 65	228 64
Miscellaneous work	432 62	420 31	470 23	433 20	338 40	269 85	332 35	48 00	6 00	9 50	293 00	148 44	3,201 90
Materials for repairs, etc.		185 27	100 25		103 54	54 90	358 16				55 00	65 37	922 49
Office supplies, and testing track scales, etc	30 00			18 00	43 00	5 00	10 00	2 92		20 00			128 92
Horses, keep of horses, wagon and repairs	22 24	18 49		44 94	16 00	44 81	6 00	13 38	23 21	4 05	37 46		230 58
Water Works extension	161 00	159 50	219 75	117 25	117 25	7 00	7 00				15 75	93 25	897 75
Repairing conduit, embankment, etc.			10 50	25 33		249 25						897 81	1,182 89
Repairing Stand Pipe No. 1						1282 09	764 04	588 27		800 00			3,434 40
	$1403 06	$1645 30	$1860 47	$1998 06	$2021 41	$2542 82	$1998 30	$1120 06	$ 269 71	$1355 22	$ 980 06	$5235 73	$ 22,430 20

SETTLING BASINS, CHAIN OF ROCKS.—"D" 11.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls, foreman and gatekeepers	$600 75	$597 87	$659 00	$673 00	$670 75	$654 09	$598 00	$475 75	$487 75	$494 50	$531 50	$638 26	$7081 22
Pay-rolls, cleaning basins	408 82	428 87		1171 89	483 35		645 25					148 12	3286 30
Grounds, roads and fences	166 12		275 31	263 84	295 40	241 69	68 00	6 00	90 12	124 03	648 03	463 35	2641 89
Railroads and switches	966 06	325 65	48 25	182 56	263 12	742 56	51 00	237 39	404 37	455 78	364 44	1830 44	5871 62
Sewers, pipes, drains, etc.					785 84	373 23							1159 07
Repairing gatehouses, basins, etc	496 38	1637 70	5985 38	4420 31	4110 16	4951 68	2907 76	75 32			20 10		24604 79
Tools and repairs		123 00	6 00		99 61	28 93				1 70	16 87	10 35	286 46
Miscellaneous work	13 00	531 24	107 75	152 40	177 87	196 25	105 75	148 75	15 25	57 62	132 64	156 50	1795 02
Materials, for repairs, etc	43 79	207 95	80 60		57 60	120 25	44 58	8 74		48 52	121 22	60 00	793 25
Office supplies and testing track scales, etc.								20 60			4 00		24 60
Water Works Extension	50 75	18 75	3 00	35 87	10 50			8 50			3 50	14 25	145 12
	$2745 67	$3871 03	$7165 29	$6899 87	$6954 20	$7308 68	$4420 34	$981 05	$997 49	$1182 15	$1842 30	$3321 27	$47689 34

INSPECTION.—“D” 12.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls	$690 00	$668 71	$690 00	$684 20	$690 00	$690 00	$690 00	$690 00	$690 00	$690 00	$690 00	$690 00	$8252 91
Car tickets	20 00		60 00	20 00	20 00	20 00		40 00	20 00	20 00	20 00	20 00	260 00
Stationery				26 75			3 50						30 25
Tools and repairs					2 75							12 00	14 75
	$710 00	$668 71	$750 00	$730 95	$712 75	$710 00	$693 50	$730 00	$710 00	$710 00	$710 00	$722 00	$8557 91

STORAGE RESERVOIR.—“D” 13.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls	$715 75	$726 25	$768 00	$729 75	$726 75	$746 75	$514 78	$438 00	$401 25	$405 25	$382 00	$433 68	$6988 21
Materials, etc., for grounds		12 32			97 25			9 38				40 00	158 95
Tools and repairs		33 60	25 50			5 00	15 15	1 25	6 75			2 50	89 75
Supplies		7 50	16 50		1 85		37 50	6 00	5 76	21 27	7 63	21 96	125 97
Repairing buildings and fences			58 75	120 11	10 43	121 50	15 00	117 50	5 75			48 58	497 62
	$715 75	$779 67	$868 75	$849 86	$836 28	$873 25	$582 43	$572 13	$419 51	$426 52	$389 63	$546 72	$7860 50
Old lawn mowers sold													$1 50
													$7859 00

WATER WORKS EXTENSION, SALARIES AND EXPENSES.—“D” 14.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Totals.
Pay-rolls	$3049 50	$2934 25	$3049 83	$3143 50	$3290 17	$3153 75	$3195 25	$3098 75	$3179 50	$3207 25	$3275 00	$3154 00	$37730 75
Stationery and printing		131 90	28 35	93 75	96 37	12 00	11 78	151 50	54 32	77 86	93 45	20 68	771 96
Drawing materials	111 10	11 15	20 45		3 25		78 34	5 80	23 08	4 50	123 90	45 40	426 97
Surveying instruments and repairs		2 00	13 80	35 50				11 50	16 00		13 00	5 25	97 05
Transportation	174 68	126 10	125 95	77 65	168 09	94 05	90 95	143 00	119 06	99 50	73 21	105 20	1397 44
Inspection	89 24	316 34	80 35	97 43	168 90	46 01	101 53	153 11	100 18	93 33	97 01	279 24	1624 67
Office furniture, repairs, etc.	2 70	28 80	17 20	96 50	10 48	25 56	57 93	28 15	9 90	68 67	2 65	19 55	368 09
Baden office and grounds		5 50	13 87		16 29	31 98	14 52	4 80	4 80	43 00	5 20	64 17	204 13
Chain of Rocks		12 26											12 26
Engine inspection		13 22	38 55	43 55	167 50	47 20		76 25			40 05		426 32
Tools and repairs	2 50					32 15	3 50		7 90				46 05
Filtering experiments		109 67	49 48	50		15 70				14 54		22 90	212 79
	$3429 72	$3691 19	$3437 83	$3588 38	$3921 05	$3458 40	$3553 80	$3674 86	$3514 74	$3608 65	$3723 47	$3716 39	$43318 48
One horse sold													13 00
													$43305 48

COMMISSIONER'S OFFICE.—"E" 1.

Expenses from 1887-1888 to 1896-1897.

	1887-1888.	1888-1889	1889-1890.	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-rolls	$ 10251 15	$ 12016 20	$ 12055 71	$ 6420 00	$ 7512 50	$ 8206 29	$ 8020 00	$ 7920 00	$ 7920 00	$ 7961 29
Stationery and printing	881 97	943 71	591 15	678 28	551 59	791 63	664 50	538 23	583 49	632 51
Keep of horse and buggy	276 00	240 00	243 00	240 00	240 00	240 00	274 00	245 00	236 32	240 00
Washing towels	48 00	48 00	48 00	48 60	48 40	48 00	48 00	48 00	48 00	44 00
Office supplies and instruments	442 05	273 77	329 52	....	....	....	....	....	....	....
Street car tickets and transportation	160 00	285 25	665 20	44 30	20 00	154 00	....	....	....	....
Stamps, telegrams, etc	22 25	43 45	....	20 00	34 48	32 40	174 75	40 00	40 00	24 65
Rent of telephones	....	....	....	45 00	45 00	45 00	45 00	201 50	150 00	200 00
Soap, matches, etc	21 30	59 60	....	26 85	16 00	....	....	....	....	....
Office furniture, etc	574 77	680 25	931 77	215 83	167 64	438 49	80 92	341 74	232 15	372 83
Chemical analysis	878 33	151 31	128 50	....	....	....	80 00	328 00	330 00	290 00
Sundries	34 25	39 20	40 60	....	....	....	....	....	....	....
Testing iron, etc., samples	115 61	115 13	....	....	....	....	....	....	....	....
Experimental filter	....	....	....	....	....	....	....	117 57	82 29	....
	$ 13705 68	$ 14895 96	$ 15033 45	$ 7738 86	$ 8635 61	$ 9955 81	$ 9387 17	$ 9780 04	$ 9622 25	$ 9765 28

TAP AND METER DEPARTMENT.—"E" 2.

Expenses from 1887-1888 to 1896-97.

	1887-1888.	1888-1889.	1889-1890.	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-rolls	$3200 00	$3831 00	$3288 39	$3840 00	$3840 00	$3840 00	$3730 00	$3840 00	$3840 00	$3840 00
Horses, keep of horses, etc	1733 31	1419 33	1392 14	891 75	1062 30	1232 15	1287 73	1044 42	1243 55	1264 08
Wagons, harness and repairs	566 30	415 65	319 00	380 40	287 45	604 50	55 05	228 15	180 35	314 05
Tools and repairs	377 86	198 27	46 12	76 30	132 80	149 80	115 70	147 94	49 11	18 75
Office supplies and repairs	121 51	46 80	133 58	180 95	195 50	155 70	65 05	91 85	197 00	101 28
Screw taps	960 87	696 23	993 93	1468 33	1591 00	1412 70	1829 70	1650 50	2108 50	1550 00
Steel taps and tapping machine	216 00	....	80 49	18 00	210 70	33 75	96 40	15 00	13 37	14 18
Meters and repairs	3443 10	3318 99	1706 26	2492 64	2729 32	3007 06	2485 73	1910 77	2657 19	2054 50
Meter boxes and repairs	327 30	1288 51	758 33	461 26	144 92					
Material and labor placing and repairing meters	4235 74	4375 48	3838 35	3530 33	3988 20	4434 88	4377 54	4305 37	4287 96	4301 85
	$15181 99	$15590 26	$12556 59	$13339 96	$14182 19	$14870 54	$14042 90	$13234 00	$14577 03	$13458 69
Less putting in taps, repairing private meters, etc	8764 00	7547 15	7816 75	11861 30	11068 90	11470 70	12223 00	11068 05	13224 30	10322 65
	$6417 99	$8043 11	$4739 84	$1478 66	$3113 29	$3399 84	$1819 90	$2165 95	$1352 73	$3136 04

STREET SERVICE DEPARTMENT.—"E" 3.

Expenses from 1887-1888 to 1896-1897.

	1887-1888.	1888-1889.	1889-1890.	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-rolls	$30314 89	$31282 67	$33439 87	$37060 39	$44979 85	$52759 93	$53989 23	$58217 44	$55847 68	$57913 47
Pay-rolls, pipe yard and repairs	1176 78	1211 09	5299 00	2506 50	2514 25	2540 00	3254 35	3431 42	4028 31	4288 12
Pay-rolls, inspection	....	....	....	3671 00	4763 00	6932 00	1766 00	3412 00	6493 00	8990 00
Horses, keep of horses and shoeing	840 53	1047 70	869 00	911 58	1368 65	1286 67	940 01	1406 23	1245 91	1311 73
Wagons, harness and repairs	....	....	....	141 35	449 00	388 97	363 90	634 30	154 25	736 10
Tools and repairs	784 06	713 01	722 57	600 76	1094 68	1590 38	5825 33	1228 89	648 95	559 13
Hemp and rubber packing	866 65	863 40	1109 70	419 44	525 95	190 66	292 20	679 73	286 98	320 35
Rubber valves, gaskets, etc	....	....	....	1256 70	1375 44	1061 11	219 65	1048 37	307 23	118 70
Oil and white lead	52 51	72 28	81 89	33 33	64 91	129 43	126 15	158 94	136 90	129 23
Pig lead	949 91	764 89	626 54	317 46	1581 11	667 26	1939 05	755 20	726 60	294 35
Coal and wood	141 37	107 14	125 18	157 40	215 12	581 29	291 64	429 52	297 20	263 44
Street car tickets	430 00	430 20	369 20	424 00	464 85	440 00	460 00	440 00	243 00	200 00
Office supplies and repairs	139 68	151 74	410 34	434 11	249 45	110 42	295 16	371 11	353 89	327 77
Rent of pipe yard, telephone, etc	....	....	....	....	....	1215 00	9921 18	1602 69	2400 00	103 00
Stop valves, boxes and repairs	1307 42	1652 87	1708 06	758 55	1221 68	1660 10	917 02	1012 30	875 75	775 55
Fire plugs, boxes and repairs	1359 69	2042 21	2087 56	3047 70	2601 99	2512 51	2045 99	4261 64	2048 75	848 48
Water pipes and special castings	883 70	1650 30	4534 90	3172 22	312 51	1024 69	284 43	894 78	924 10	564 25
Materials, etc., for maintenance	882 35	1092 30	1205 56	1226 17	2016 14	2312 54	1791 09	2174 06	2757 20	2212 57
Hauling	274 18	662 94	379 47	474 85	6 00	....	....	....	....	....
Pumping at River Des Peres	....	....	....	....	....	....	186 07	....	2728 92	3216 58
	$10403 72	$43744 74	$52968 84	$56613 51	$65804 58	$77402 96	$84908 45	$82158 62	$82514 01	$83172 82
Material, labor and hauling in doing private work	7657 31	9832 67	16370 56	15676 32	13053 91	14048 81	15494 36	12090 53	10614 56	9946 35
	$32746 41	$33912 07	$36598 28	$40937 19	$52750 67	$63354 15	$69414 09	$70068 09	$71899 45	$73226 47

DISTRIBUTION SYSTEM.—"E" 4.

Expenses from 1890-1891 to 1896-1897.

	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-rolls	$11400 73	$11810 17	$11538 38	$12568 17	$12548 61	$13233 35	$13607 56
Horses, keep of horses, etc	520 50	672 00	744 00	516 65	501 90	519 25	629 57
Wagons, harness and repairs	98 75	239 50	117 20	38 00	162 90	94 15	205 60
Drawing materials and printing	344 10	249 41	316 40	184 14	238 62	161 35	429 88
Wood for stakes	19 20	28 80	9 60	67 60	48 80	59 52	74 24
Street car tickets and traveling expenses	42 50	67 05	100 00	220 00	120 00	100 00	100 00
Testing, analysis, etc	33 29	10 20	10 50	72 56	98 30	121 25	248 30
Inspection expenses, etc	....	78 85	573 41	493 62	....	587 55	684 55
Testing machine, recording gauges, etc	....	....	113 00	174 83	....	....	....
Pipe yard repairs and hauling	230 95	....	....	538 78	410 15	....	....
Surveying instruments and repairs	144 55	235 55	91 55	38 45	51 75	68 49	206 94
	$12834 57	$13391 51	$13614 04	$14912 80	$14181 03	$14944 91	$16186 64
Less material sold	19 00	....	....	....	....	....	5 00
	$12815 57	$13391 51	$13614 04	$14912 80	$14181 03	$14944 91	$16181 64

HIGH AND LOW SERVICE ENGINES, BISSELL'S POINT.—"E" 5.

Expenses from 1887-1888 to 1896-1897.

	1887-1888.	1888-1889.	1889-1890.	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-rolls	$52800 00	$55710 00	$54955 00	$58300 00	$60804 84	$63100 00	$67820 04	$74848 50	$59393 32	$60480 47
Coal	74806 35	78663 23	69081 92	74687 00	74693 97	90343 28	109590 69	133582 84	78739 10	66204 13
Repairing machinery and boilers	23147 22	31405 93	24451 92	24153 14	28548 89	38874 54	39257 05	31162 31	35222 73	33208 30
Tools and repairs	451 39	393 35	185 14	714 20	2565 98	739 88	417 41	1859 55	1303 86	550 33
Oil and tallow	1352 68	1600 42	1422 26	1228 91	1247 22	1468 57	1792 14	1548 88	900 42	979 79
Hemp packing and waste, rubber valves, packing and hose	1881 31	1392 91	1326 21	2323 79	2786 55	1501 28	1751 70	1919 27	1230 78	934 66
Engine and house supplies	2971 49	4405 21	2023 42	1667 66	3230 56	3379 76	3195 55	4543 54	3719 78	4788 11
Repairing buildings	1279 76	2592 15	2918 12	4585 06	3599 42	4921 56	3490 81	3402 77	2830 42	6831 24
Carriage to pay off men	....	....	72 00	72 00	77 00	84 00	63 00	56 00	28 00	35 00
Protecting works in high water	....	....	....	....	....	894 52	108 28	....	....	....
Dump cars & R. R. iron & coal trucks	....	....	....	....	2361 34	2496 84	....	....	....	....
Water Works extension work, etc.	....	920 34	....	....	11034 62	167 00	....	....	1011 20	1547 69
Repairing L. S. bridges, etc.	....	3286 62	....	....	....	525 24	....	....	....	....
Gas	2385 90	2187 45	2594 52	....	....	....	....	....	....	....
Force mains and stand pipe	29 25	....	317 00	....	....	....	....	....	....	....
Miscellaneous	77 81	182 35	127 84	....	632 54	....	....	6800 12	....	....
Temporary L. S. engines	....	....	....	1879 65	11601 46	....	....	....	....	....
Pumping expenses at Harlem Creek	....	....	....	....	....	....	3974 33	7773 48	1737 94	....
	$161183 16	$182739 96	$159475 35	$169611 41	$203184 39	$208496 47	$231561 00	$267497 26	$186117 55	$175559 72
Less material sold	102 57	70 45	92 25	1139 55	134 40	26 00	270 25	22 00	1170 62	1442 70
Net maintenance	$161080 59	$182669 51	$159383 10	$168471 86	$203049 99	$208470 47	$231290 75	$267475 26	$184946 93	$174117 02

LOW SERVICE ENGINES, CHAIN OF ROCKS.—"E" 6.

Expenses from 1895-1896 to 1896-1897.

	1895-1896.	1896-1897.
Pay-rolls	$ 23540 00	$ 24174 19
Coal	11891 02	12633 06
Repairs to machinery and boilers	13143 85	13830 29
Tools and repairs	410 04	258 78
Oils and tallow	1337 22	847 88
Hemp, packing and white waste	966 57	885 74
Rubber valves, packing and hose	299 12	268 15
Engine and house supplies	1725 62	2922 46
Repairing buildings	910 98	814 49
Water Works Extension, Settling Basins, etc	....	1914 68
Transportation of men to Chain of Rocks	....	3759 10
	$ 54224 42	$ 62308 82

SETTLING BASINS, BISSELL'S POINT.—" E " 7.

Expenses from 1887-1888 to 1896-1897.

	1887-1888.	1888-1889.	1889-1890.	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-roll, foreman and gatekeepers	$2449 11	$3991 25	$4020 00	$4020 00	$4028 00	$4319 97	$4617 99	$4588 26	$3660 75	$3961 68
Pay-roll, cleaning basins	1865 41	2927 35	1386 00	1411 20	2286 26	2810 89	3519 19	2668 20	171 25	124 99
Roads, grounds and fences	2206 60	2051 84	1873 33	5873 05	5675 48	2654 10	1779 55	3972 09	2760 65	6826 75
Railroads and switches	240 81	79 90	3381 52	909 95	1447 80	1235 82	3312 64	2357 18	912 95	627 13
Sewers, pipes, drains, etc	34 30	14 00	120 12	9 00	104 66	234 00	348 49	89 87	358 79	111 24
Repairing gatehouses, etc	560 17	908 30	1139 63	1233 56	36 67	170 55	171 95	63 55	192 97	550 84
Tools and repairs	57 85	129 83	152 40	125 60	146 38	274 95	216 35	379 35	182 20	228 64
Miscellaneous work	786 68	1858 56	1607 68	1807 35	2718 53	2959 19	2958 37	3923 02	3329 58	3201 90
Force mains and stand pipes	239 74	186 42	1139 86	33 92	....	25 31	....	....	328 94	3434 40
Materials for repairs	157 78	101 88	334 88	468 69	397 16	629 74	809 10	1388 87	63 15	922 49
Office repairs and testing track scale	565 21	166 00	364 51	36 20	38 45	24 00	48 05	258 22	....	128 92
Repairing conduit, embankment, etc	....	....	414 46	192 87	568 62	3238 17	3939 96	6058 53	3508 71	2080 64
L. S. Inlet Tower, repairs and river dyke	72 50	....	....	....	192 55	654 75	1224 97	....	....	....
L. S. temporary engines, etc	....	....	1279 35	129 05	137 70	....	....	....	....	....
Extending coal shed and oil house and tanks	....	....	....	592 37	....	....	....	347 19	....	....
Horses, keep of horses, etc	....	....	....	....	....	....	....	934 91	265 11	230 58
Settling basins, Chain of Rocks	....	....	....	....	....	....	....	2292 09	....	....
	$9236 16	$12415 33	$17213 74	$16842 81	$17778 26	$19231 44	$22946 61	$29321 33	$15735 05	$22430 20

SETTLING BASINS, CHAIN OF ROCKS — "E" 8.

EXPENSES FROM 1895–1896 to 1896–1897.

	1895–1896.	1896–1897.
Pay-rolls Foreman and Gatekeepers	$6,929 78	$7,081 22
Pay-rolls, cleaning basins	3,043 40	3,286 30
Grounds, roads and fences	4 ,946 65	2,641 89
Railroads and switches	4,013 99	5,871 62
Sewers, pipes, drains, etc	217 66	1,159 07
Repairing gate-houses, basins, etc	9,578 05	24,604 79
Tools and repairs	267 48	286 46
Miscellaneous work	1,516 54	1,795 02
Materials for repairs, etc	1,550 57	793 25
Office supplies, testing track scales, etc	142 51	24 60
Water Works extension	284 18	145 12
	$32,490 81	$47,689 34

INSPECTION.—"E" 9.

Expenses from 1887-1888 to 1896-1897.

	1887-1888.	1888-1889.	1889-1890.	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-rolls, inspection of pipes, etc..	$1080 00	$1080 00	$1080 00							
Pay-rolls, inspection of pipe-laying	5460 39	3123 16	4007 98							
Pay-rolls, supply inspection	3382 26	7153 16	8103 28	$8158 46	$8182 71	$8022 25	$8198 70	$8262 14	$8243 22	$8252 91
Car tickets..........				280 00	300 00	300 00	240 00	240 00	220 00	260 00
Tools and repairs..................				12 19	29 35	4 35	9 70	9 90	70	14 75
Stationery.........................				20 00	54 50	26 60	7 15	77 40	.50 85	30 25
	$9922 65	$11356 32	$13191 26	$8470 65	$8566 56	$8353 20	$8455 55	$8589 44	$8514 77	$8557 91

STORAGE RESERVOIR.—"E" 10.

Expenses from 1887-1888 to 1896-1897.

	1887-1888.	1888-1889.	1889-1890.	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-rolls........................	$ 4322 82	$ 3406 50	$ 4482 50	$ 4634 50	$ 7671 00	$ 9223 79	$10967 63	$ 6988 75	$ 6941 92	$ 6988 21
Materials, etc..........................	74 80	415 00	432 66	356 75	915 33	792 21	88 81	32 00	542 33	158 95
Tools and repairs	297 01	138 30	19 45	82 85	36 80	103 40	11 25	29 79	96 45	89 75
Repairing buildings and fences	656 48	655 25	90 13	22 95	166 63	231 94	344 67	257 07	118 20	497 62
Office, etc., supplies	239 70	53 54	74 00	98 20	154 09	144 30	162 19	175 14	181 55	125 97
Improvement of roads (materials)..							1236 92			
Street improvements.						1387 05				
Sprinkling grounds				230 00						
New greenhouse							767 96			
	$ 5590 81	$ 4668 59	$ 5098 74	$ 5425 25	$ 8943 85	$11882 69	$13579 43	$ 7482 66	$ 7880 45	$ 7860 50
Less materials sold...		5 00								1 50
	$ 5590 81	$ 4663 59	$ 5098 74	$ 5425 25	$ 8943 85	$11882 69	$13579 43	$ 7482 66	$ 7880 45	$ 7859 00

WATER WORKS EXTENSION, SALARIES AND EXPENSES.—"E" 11.

Expenses from 1887-1888 to 1896-1897.

	1887-1888.	1888-1889.	1889-1890.	1890-1891.	1891-1892.	1892-1893.	1893-1894.	1894-1895.	1895-1896.	1896-1897.
Pay-rolls	$6505 61	$29609 31	$39715 38	$38870 47	$49810 03	$56117 84	$59529 58	$57632 92	$41238 12	$37730 75
Stationery and printing	62 90	356 63	723 37	332 13	349 10	627 45	1015 70	791 57	527 56	771 96
Drawing materials	284 49	644 88	340 68	307 57	253 25	545 97	406 54	476 13	452 08	426 97
Surveying instruments and repairs	289 50	337 55	911 74	638 75	231 08	166 43	177 75	153 39	38 15	97 05
Transportation	514 25	2026 89	6269 75	3143 31	2556 03	2828 30	3247 30	2899 24	1493 11	1397 44
Inspection	....	253 13	1258 86	1226 65	659 66	847 21	998 15	501 15	1419 87	1624 67
Office furniture, repairs, etc	....	1382 32	669 00	471 79	516 47	371 04	450 70	1441 36	287 66	368 09
Baden office	....	....	....	483 36	133 44	86 73	137 28	1481 43	131 98	204 13
Chain of Rocks office and grounds	....	....	....	649 64	598 90	358 23	1311 49	596 93	44 99	12 26
Engine inspection	373 01	....	....	....	392 00	757 65	536 35	1767 45	511 12	426 32
Pit pump shaft and inlet tower	....	1378 48	4433 30	467 44	1781 33	174 33	11 50	....	....	....
Tools and repairs	....	21 75	....	....	176 10	56 86	21 93	2 86	21 15	46 05
Rent of telephone and connections	....	130 14	1286 46	90 00	530 75	75 00	75 00	....	....	....
Land damages and expenses	1225 00	5412 58	4293 70	51 00	1184 25	142 25	874 87	1 68	....	....
Filtering experiments, etc	....	238 82	....	....	826 07	521 96	158 43	137 62	151 77	212 79
Maline Creek bridge and repairs to conduit	....	...	....	58 20	....	....	122 00	74 68	....	....
	$9254 76	$41792 48	$59902 24	$46790 31	$59998 46	$63677 25	$69074 57	$67958 41	$46317 56	$43318 48
Old horses sold	....	....	....	....	17 50	....	.....	47 00	128 50	13 00
	$9254 76	$41792 48	$59902 24	$46790 31	$59980 96	$63677 25	$69074 57	$67911 41	$46189 06	$43305 48

TESTS OF NEAT CEMENT MADE FOR STREET DEPARTMENT DURING YEAR ENDING APRIL 1ST, 1897.

Name of Brand.	Number of Barrels.	Number of Sacks.	Samples Tested.	Average Tensile Strength.
Alsens, W. L	1,419	....	451	676.5
Alsens, Y. L	210	.....	70	625.7
Germania	73	....	25	545.6
Hemmoor	106	....	42	615.1
Josson	15	....	4	663.
Lagerdorfer	1,174	....	372	612.
Louisville, Clark Co. Mills	....	150	11	163.9
Louisville, Falls Mills	....	40	4	153.5
Louisville, Hulme Mills	....	1335	44	199.1
Louisville, Speed Mills	....	98	13	199.4
Mannheimer	290	....	106	534.9
Utica, J. Clark	....	244	13	154.3
Total	3,287	1,867	1,155	....

TEST OF NEAT CEMENT MADE FOR SEWER DEPARTMENT DURING THE YEAR ENDING APRIL 1ST, 1897.

Name of Brand.	Number of Barrels.	Number of Sacks.	Samples Tested.	Average Tensile Strength.
Alsens	336	....	118	679.7
Egypt Giant	52	....	24	280.3
Hanover	15	....	8	623.5
Jordan Giant	1,085	....	346	697.
Lion	15	....	3	536.5
Louisville, Best Four	....	1	2	105.
" Black Diamond Mills	....	1,897	190	178.8
" Falls Mills	....	35	5	176.
" Hulme Mills	....	4,348	474	200.1
" Speed Mills	....	7,493	778	181.1
Utica, Black Ball	....	33,975	3,403	100.
Utica, J. Clark	....	24,477	2,478	119.4
Star Stettin	110	.....	38	638.3
Total	1,613	72,226	7,867	....

TESTS OF NEAT CEMENT MADE FOR WATER DEPARTMENT DURING THE YEAR ENDING APRIL 1ST, 1897.

Name of Brand.	Number of Barrels.	Samples Tested.	Average Tensile Strength.
Alsens	100	37	669.5
Atlas	75	25	640.9
Brooks Shoobridge & Company	24	8	560.7
Buckeye	225	80	388.5
Diamond	143	81	337.8
Dyckerhoff	110	36	598.9
Egypt	300	100	337.2
Empire	400	135	656.
Germania	139	48	669.5
Hemmoor	506	400	568.7
Illinois Steel	185	85	382.8
Jordan Giant	48	48	579.5
Medusa	3,340	1,124	780.1
Puzzolan	1,665	568	414.
Saylor's	178	60	806.7
Utica, J. Clark	100	34	124.
Total	7,538	2,869	.....

All Portland cement briquettes were kept in air twenty-four hours and immersed in water for six days. The natural cements were in air thirty minutes and in water for twenty-four hours with the exception of the Utica brands that were used in the Sewer Department only, these were two hours in air and twenty-two hours in water.

SUMMARY SHOWING TOTAL AMOUNT OF CEMENT TESTED DURING THE YEAR ENDING APRIL 1ST, 1897.

Department.	Number of Barrels.	Number of Sacks.	Samples. Made.	Samples. Broken.
Street Department	3,287	1,867	1,155	1,155
Sewer Department	1,613	72.226	7,867	7,865
Water Department	7,538	......	2,869	2,869
Water Department (Experimental)	......	......	2,412	3,097
Total	12,438	74,093	14,303	14,986

It will be seen there were more briquettes broken than mixed. This was made possible by the fact that 685 samples (experimental) were made in time previous and carried over for this year's breaking.

ANNUAL REPORT

OF THE

SEWER COMMISSIONER,

For the Fiscal Year ending April 12, 1897.

OFFICE OF SEWER COMMISSIONER.
ST. LOUIS, June 22, 1897.

Honorable Board of Public Improvements:

GENTLEMEN — I have the honor to submit the following report for the fiscal year ending April 12, 1897 :—

PUBLIC SEWERS.

Gravois Avenue Sewer. — This sewer, on Gravois avenue from Compton avenue to Spring avenue, has been completed at a total cost of $13,796.31, $4,331.56 being expended during the fiscal year.

Clarendon Avenue Sewer. — Construction of this sewer has been continued from Bell avenue to intersection of Cabanne avenue and Union boulevard, under contract let previous year, and on Union boulevard from Page boulevard to Minerva avenue under a new contract. This sewer has cost $14,334.03, $9,739.78 of which were expended during the fiscal year.

Tower Grove Storm Sewer. — Under the contract let the previous year $15,553.08 were expended this year in the continuation of this sewer from River Des Peres to Kingshighway boulevard. The total amount expended under this contract is $21,860.42, and there is still a retained percentage amounting to $3,857.72.

Under contract let this fiscal year $15,936.41 have been expended out of a total appropriation of $42.500.00. About 778 feet east of Kingshighway boulevard have been completed and work is now in progress. About $150,000.00 will be required to complete this sewer to Thurman boulevard and this amount should be appropriated this year.

DISTRICT SEWERS.

Nineteen (19) sewer districts, varying in area from 2.5 acres to 75 acres, with a total area of 467.32 acres, have been sewered at a cost of $116,760.23.

The total length of sewers in the nineteen districts in 96,625 feet; 387 inlets and 431 manholes were built in these districts. The average rate of assessment, per 100 square feet area, for the nineteen districts, was $0.838.

Two sewer districts having a combined area of 611.07 acres are under contract and nearing completion. Their estimated cost, based upon the accepted bids, is $148,339.24. The total length of sewers in the two districts is about 93,160 feet.

PRIVATE SEWERS.

Thirty-seven private sewers, each exceeding 100 feet in length, and authorized by the Board of Public Improvements, were constructed. Their size varies from six inches to thirty inches in diameter. Their aggregate length is 20,951 feet. Thirty-seven (37) inlets and thirty-eight (38) manholes were made in connection with these private sewers. The cost of inspection, paid by the owners, amounted to $1,353.20. Private sewers, varying in size from twelve inches to thirty inches in diameter and having a total length of 4,019 feet, were constructed in the territory bounded by Prairie, Warne, St. Louis and Greer avenues, by the Fair Grounds Real Estate Company under agreement to convey them to the City after completion. Such conveyance was made and said sewers were duly accepted by the City under Ordinances Nos. 18,723 and 18,724, making them a part of the district sewers of the City to be known as Warne Avenue Sewer District Number Eight.

Permission was given the owners of property lying between Lindell avenue and Westmoreland place to take up, at their own expense, the six-inch "adopted" district sewer, between Kingshighway boulevard and Lake avenue, and to replace same with 926 feet of 18-inch and 789 feet of 15-inch pipe. Three new manholes were also built. The cost of inspection for all of this work was paid by the property owners.

CONNECTIONS.

Permits were granted for 2,596 sewer connections, of which 47 were afterwards canceled. The sizes of connections for which permits were granted are as follows: 4 inch, 7; 6 inch, 2496; 8 inch, 27; 9 inch, 31; 10 inch, 7; 12 inch, 17; 15 inch, 4; 16 inch, 2; 18 inch, 3; 21 inch, 1; 30 inch, 1. The total number up to April 1, 1897, is 48,326.

CLEANING.

The following work was done by the cleaning and laboring force of the department, viz.: —

Number of sewer inlets cleaned	9,933
Number of cart loads removed from inlets	16,145
Number of brick sewers flushed	51
Number of pipe sewers flushed	393
Number of days labor flushing sewers	2,077
Number of days examining sewers and poling inlets	1,613
Number of days boring for rock	238
Number of days labor, horse and cart, hauling hose and tools and filling depressions	329½

Pay-roll of labor	$20,870.86
Pay-roll of horses and carts	5,363.50
Cost of tools, closing sewers, removing obstructions, etc	549.04
Total for cleaning, etc	$26,783.40

REPAIRS AND CURRENT EXPENSES.

The ordinary expenses for repairing sewers, including iron work, inlet stones and repaving, amounted to $4,844.15. The "extraordinary repairs" for the year are embraced in the items as follows: —

1. Benton street sewer	$ 726 25
2. Camp Spring sewer	201 80
3. Carroll street sewer	2,372 60
4. Chambers street sewer	461 60
5. Mill Creek sewer	11,395 39
6. Miller street sewer	311 78
7. Rocky Branch sewer	1,350 57
8. Rutger street sewer	2,182 77
Total	$19,002 76

MISCELLANEOUS.

Office expenses, including printing, stationery, transportation, keeping horses and vehicles, shoeing, harness and sundries, amounted to $2,003.07.

Engineering and supervision of sewer construction (public and district sewers), amounted to $33,923.35.

NEW PUBLIC SEWER WORK RECOMMENDED.

For the coming year the Board of Public Improvements has recommended the expenditure of $150,000.00 for the completion of the Tower Grove storm sewer.

So important do I deem the completion of this sewer, that I recommend that all the money appropriated for public sewer construction this year be devoted to this sewer, and will here only refer to the fact that there is urgent necessity for beginning the construction of Harlem Creek sewer.

SURVEYS.

The work done under the authority of Ordinance No. 14,846 has been mainly in the office. Fifty-seven precise level bench-marks were established at the Chain of Rocks at the request of the Water Commissioner, and a map showing their locations and elevations furnished to the Water Commissioner.

Additional information was obtained and new descriptions written of many benches previously established and preparations begun to publish in book form a complete description and history of all precise level bench marks. Additional information and descriptions have been obtained and recorded of the triangulation stations. Complete records have been made and checked of all the computations of the survey. Two index maps were made and many tracings and drawings made for the sewer department. The surveys contemplated by the ordinance have been completed and the force discharged. The entire cost of the surveys including instruments, horse, wagon, office fixtures, etc., has been $59,598.59.

TESTING MATERIALS.

The following table shows the result of the cement tests made. The Utica cement tested after two hours in air and twenty-two hours in water, the Louisville cement after thirty minutes in air and twenty-three and one-half hours in water. The Portland cement was tested after two hours in air and seven days in water.

Brand.	Number of Barrels.	Number of Sacks.	Number of Samples Tested.	Average Tensile Strength.
Jordan. Giant	1,085	......	346	697
Egypt. "	52	......	24	280.3
Alsens	336	......	118	679.7
Star Stettin	110	......	38	638.3
Lion	15	......	3	536.7
Hanover	15	......	8	623.5
Utica. J. Clark	......	24,477	2,478	119.4
Utica. Black Ball	......	33,975	3,403	100
Louisville Speed Mills	......	7,493	778	181.1
Louisville Hulme Mills	......	4,348	474	200.1
Louisville Falls Mills	......	35	5	176
Louisville Black Diamond	......	1,897	190	178.8
Louisville Best Four	......	1	2	105
Total	1,613	72,226	7,867	......

As a result of the above tests one lot of 15 barrels of portland cement and seven lots, amounting to 442 sacks, of hydraulic cement, were rejected.

Tests of various brands of vitrified brick have been made, the results of which are on file in the records of the department.

The usual statistical tables, showing details of work and expenditures of the department, are hereunto attached.

B. H. COLBY,
Sewer Commissioner.

No 1. TOTAL EXPENDITURES FOR CONSTRUCTION OF SEWERS AND FOR CURRENT AND MISCELLANEOUS EXPENSES FOR THE FISCAL YEAR ENDING APRIL 12TH, 1897.

PUBLIC SEWERS.

Rocky Branch sewer, on Fair avenue from Natural Bridge road north to Penrose street	$777 51
Rock Spring sewer, on Thurman boulevard from Blaine avenue south to a point 510 feet south of McRee avenue	965 61
Southern sewer, on Cherokee street from Compton avenue west to Louisiana avenue	220 38
Pine street sewer, on Hodiamont avenue from point south of Maple avenue to a point between Maple avenue and Horton place	59 96
Fillmore street sewer, from Minnesota avenue and Bates street to Virginia avenue and Fassen street	530 49
Gravois avenue sewer, from Compton avenue west to Spring avenue	4,331 56
Clarendon avenue sewer, from Bell avenue to the intersection of Cabanne avenue and Union boulevard	6,590 37
Clarendon avenue sewer, on Union boulevard from Page boulevard north to Minerva avenue	3,149 41
Tower Grove Storm sewer, on right of way, from river Des Peres to Kingshighway boulevard	15,553 08
Tower Grove Storm sewer, on right of way from Kingshighway boulevard east 1,600 feet	15,936 41
Total public sewer work	$48,114 78
Maps of the Survey of the City of St. Louis made under the authority of Ordinance No. 14846, as authorized by Ordinance No. 17933	$4,737 60

CURRENT AND MISCELLANEOUS EXPENSES.

Engineering and supervision on public and district sewers	$33.923 35		
Supervision on private sewers	1,421 20		
		$35,344 55	
Repairing sewers, inlets, manholes, etc.	$10,593 64		
Iron for repairing inlets, manholes, etc.	357 05		
Inlet stone used in repairs	578 05		
Paving over sewers	922 78		
		12,451 52	
Carts removing dirt from sewers and inlets, per pay-rolls	$5,363 50		
Cleaning sewers and inlets, per pay-rolls.	20,870 86		
Tools and appliances for cleaning sewers, maintaining signals, etc.	358 38		
Opening sewers and removing obstructions	190 66		
		26,783 40	
Office expenses, printing, stationery, and sundries	$1,000 13		
Keeping horses and vehicles, shoeing, harness, and sundries	1,002 94		
		2,003 07	
Salaries making surveys under authority of Ordinance No. 14846	$2,978 79		
Furniture, instruments, zinc plates	85 73		
Transportation, stationery and sundries	100 04		
		3,164 56	
Repairs to Mill Creek sewer, at 14th and Gratiot streets, under authority of Ordinance No. 18814		11,395 39	
Total for miscellaneous			$91,142 49
Total			$143,994 87
Total for district sewer construction			116,760 23
Total amount			$260,755 10

NO. 2.—PUBLIC SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

NAME OF SEWER.	LOCATION.	CONTRACTOR.	Contract.	Ordinances.	Appropriations.	Expended last year.	Expended previous year.	Total Expenditures.	Retained Percentage.	Balance of Appropriations.
Gravois ave. sewer ..	From Compton avenue west to Spring avenue	Claus Vieths........	4018	18147	$14000 00	$4331 56	$9464 75	$13796 31	....	$203 69
Clarendon ave. sewer	From Bell avenue to the intersection of Cabanne avenue and Union boulevard.	Harry F. Heman....	4073	18164	12500 00	6590 37	4594 25	11184 62	....	1315 38
Clarendon ave. sewer	On Union boulevard from Page boulevard north to Minerva avenue.........	Abbot-Gamble Contracting Co.	4210	18390	3518 00	3149 41	....	3149 41	....	368 59
Tower Grove Storm sewer	On right of way from the River Des Peres to Kingshighway boulevard.....	Lyons Construction Co........	4074	18167 18839	31650 00	15553 08	6307 34	21860 42	$3857 72	5931 86
					$61668 00	$29624 42	$20366 34	$49990 76	$3857 72	$7819 52

NO. 3.— DISTRICT SEWERS COMPLETED DURING THE PAST FISCAL YEAR.

NAME OF SEWER DISTRICT.	CONTRACTOR.	Contract.	Ordinances.	Size of Sewer.	Length in Feet.	Cost of Sewer.	Cost per Foot.	Inlets.	Cost of Inlets, Including Iron and Stone.	Manholes.	Cost of Manholes, including Iron Caps.	Cost of Junctions, Lumber, etc.	Total Cost of Sewer.	Deductions on account Overtime.	Cost of Sewer as Assessed.
Nebraska ave. sewer dist. No. 3	John Hussey	4084	18204	2½ ft.dia.br'k	660	$1633 64	$2 48			4	$104 58				
			18205	12-inch pipe	1484	687 32	0 46	9	$308 54	7	234 37	$33 91	$3002 36		$3002 36
S. Mill Creek sewer dist. No. 47	James Martin	4182	18335	15-inch pipe	410	200 90	0 49								
			18336	12-inch pipe	40	16 00	0 40	3	108 18	2	69 87	13 21	408 16		408 16
Prairie ave. sewer dist. No. 6	Lyons Const. Co.	4022	18090	15-inch pipe	463	254 46	0 55								
			18091	12 inch pipe	3317	2005 59	0 60	14	540 96	14	535 33	112 82	3449 16	$405 00	3044 16
Fillmore st. sewer dist. No. 1	John Hussey.	4181	18337	18 inch pipe	340	272 00	0 80								
			18338	15-inch pipe	757	378 50	0 50								
				12-inch pipe	677	338 50	0 50	10	337 70	7	258 30	38 69	1623 69		1623 69
Clarendon ave. sewer dist. No. 2	G. Eyermann Jr.	4077	18172	24-inch pipe	1005	1206 00	1 20								
			18173	21-inch pipe	2037	1855 81	0 91								
				18-inch pipe	2413	3569 35	1 48								
				15-inch pipe	1114	1957 20	1 76								
				12-inch pipe	2296	1371 45	0 60	31	1032 30	32	1216 65	580 48	12789 24	240 00	12549 24
Prairie ave. sewer dist. No. 7	Robt. Sheehan	4183	18340	24-inch pipe	688	791 20	1 15								
			18334	21-inch pipe	182	127 40	0 70								
				15 inch pipe	922	488 66	0 53								
				12-inch pipe	1221	647 13	0 53	13	408 90	14	412 20	98 10	2973 59	40 00	2933 59
Potomac st. sewer dist. No. 7	A. & J. C. Heman.	4208	18386	24-inch pipe	475	570 00	1 20								
			18387	18-inch pipe	323	203 49	0 63								
				15-inch pipe	479	323 12	0 67								
				12-inch pipe	2978	1499 20	0 50	18	672 23	21	801 15	142 34	4211 53		4211 53
Cherokee st. sewer dist. No. 9	Skrainka Const Co	4085	18206	2½ ft.dia.br'k	312	841 91	2 70								
			18207	2x3 ft. brick	1022	4610 66	4 51			8	210 75				
			18586	24-inch pipe	978	1941 67	1 99								
				21-inch pipe	316	268 60	0 85								
				18-inch pipe	823	612 31	0 74								
				15-inch pipe	1903	2438 22	1 28								
				12-inch pipe	2089	1905 28	0 91	31	1064 09	28	1030 96	299 48	15223 93		15223 93
Davis st. sewer dist. No. 12	James Martin	4356	18567	21-inch pipe	423	380 70	0 90								
			18568	18-inch pipe	271	176 15	0 65								
				15-inch pipe	576	259 20	0 45								
				12-inch pipe	894	312 90	0 35	5	176 15	9	320 52	49 08	1674 70		1674 70
Arsenal st. sewer dist. No. 32	John Hussey	4209	18388	2½x3½ ft.brick	1016	2453 20	2 41								
			18389	2x3 feet brick	516	1031 56	2 00			8	199 68				
				24-inch pipe	145	130 50	0 90								
				21-inch pipe	151	105 70	0 70								
				18-inch pipe	1698	1235 34	0 73								
				15-inch pipe	1623	779 04	0 48								
				12-inch pipe	4247	1849 40	0 44	37	1197 52	31	966 79	257 26	10205 99		10205 99

NO. 3.— DISTRICT SEWERS COMPLETED DURING THE PAST FISCAL YEAR.— *Continued.*

NAME OF SEWER DISTRICT.	CONTRACTOR.	Contract.	Ordinances.	Size of Sewer.	Length in Feet.	Cost of Sewer.	Cost per Foot.	Inlets.	Cost of Inlets, Including Iron and Stone.	Manholes.	Cost of Manholes, including Iron Caps.	Cost of Junctions, Lumber, etc.	Total Cost of Sewer.	Deductions on account Overtime.	Cost of Sewer as Assessed.
Gravois ave. sewer dist. No. 1....	Lyons Const. Co..	4078	18170	24-inch pipe	960	$1123 20	$1 17								
			18171	21-inch pipe	836	810 92	0 97								
				18-inch pipe	2002	1673 16	0 84								
				15-inch pipe	3864	2129 00	0 55								
				12-inch pipe	6721	3042 50	0 45	65	$2413 54	69	$2592 00	$640 98	$14425 30	$725 00	$13700 30
Minnesota ave. sewer dist. No. 1.	Mockler & Fullerton	4425	18593	18-inch pipe	161	128 80	0 80								
			18594	12-inch pipe	473	236 50	0 50	2	74 39	4	151 60	15 75	607 04		607 04
Wyoming st. sewer dist. No. 17..	Aug.& J. C. Heman	4382	18595	21-inch pipe	119	130 90	1 10								
			18596	18-inch pipe	260	130 00	0 50								
				15-inch pipe	532	239 40	0 45								
				12-inch pipe	774	309 60	0 40	6	210 56	8	269 85	45 50	1335 81		1335 81
Rock Spring sewer dist. No. 7....	Wm. Skrainka & Co	4355	18557	2x3 ft. brick	1528	4181 95	2 74			6	168 35				
			18558	24-inch pipe	1095	1560 30	1 42								
				21-inch pipe	1085	1765 20	1 63								
				18-inch pipe	639	415 35	0 65								
				15-inch pipe	376	191 76	0 51								
				12-inch pipe	1027	492 96	0 48	24	891 02	17	655 07	366 59	10688 55		10688 55
Magnolia ave. sewer dist. No. 1.	John Hussey......	4361	18569	2x3 ft. brick	310	693 72	2 24			1	20 75				
			18570	24-inch pipe	167	217 10	1 30								
				21-inch pipe	327	327 00	1 00								
				18-inch pipe	486	575 40	1 18								
				15-inch pipe	1201	1369 45	1 14								
				12-inch pipe	869	880 60	1 01	15	502 63	16	544 19	102 00	5232 84		5232 84
Nebraska ave. sewer dist. No. 4..	H. Ruecking & Co.	4354	18559	24 inch pipe	801	1289 55	1 61								
			18560	21-inch pipe	323	509 65	1 58								
				18-inch pipe	477	381 60	0 80								
				15-inch pipe	788	509 70	0 65								
				12-inch pipe	3702	2696 10	0 73	27	1021 32	29	1255 30	301 30	7964 52		7964 52
Des Peres sewer dist. No. 1......	John Hussey......	4363	18561	3x4 ft. brick	691	1671 58	2 42								
			18574	2½x3½ ft. brick	697	1860 39	2 67								
			18721	2x3 ft. brick	417	1173 54	2 81			8	182 24				
				24-inch pipe	514	616 80	1 20								
				18-inch pipe	540	351 00	0 65								
				15 inch pipe	1961	1117 62	0 57								
				12-inch pipe	1953	788 10	0 40	18	619 93	24	761 20	318 69	9461 09		9461 09

Rocky Branch sewer dist. No. 5.	S. B. Kendall	4362	18571	3x4 ft. brick	662	1668 33	2 52								
			18572	2½x3½ ft. br'k	1292	2970 08	2 30								
				2x3 ft. brick	533	1031 77	1 94			11	246 13				
				21-inch pipe	1333	1133 05	0 85								
				18-inch pipe	372	223 20	0 60								
				15-inch pipe	1838	882 24	0 48								
				12-inch pipe	4616	1754 08	0 38	39	1349 61	40	1268 70	365 54	12892 73		12892 73
Warne ave. sewer dist. No. No. 8	Fair Grounds Real Estate Co.		18724	30-inch pipe	737										
			18723	24-inch pipe	379										
				21-inch pipe	362										
				18 inch pipe	801										
				15-inch pipe	1060										
				12-inch pipe	680			20		13					
					96625	$86982 41		387	$12929 57	431	$14476 53	$3781 72	$118170 23	$1410 00	$116760 23

NOTE — Sewers in Warne Avenue Sewer District No. 8, were built as private sewers and adopted by Ordinance No. 18723, as district sewers.

RECAPITULATION. — TABLE 3.

SIZE OF SEWER.	Length.	Cost.	Average Cost.
3 x4 feet brick sewer	1353 ft.	$3339 91	$2 47
2½x3½ feet brick sewer	3005 "	7283 67	2 42
2½ feet diameter, and 2x3 feet brick sewer	5298 "	15198 75	2 87
24-inch pipe sewers	6828 "	9446 32	1 38
21 inch pipe sewers	7132 "	7414 93	1 04
18-inch pipe sewers	10805 "	9947 15	0 92
15 inch pipe sewers	18807 "	13518 47	0 72
12-inch pipe sewers	39378 "	20833 21	0 53
Total	92606 ft.	$86982 41	

		Cost.	Each.
46	Manholes on brick sewers	$ 1132 48	$24 62
372	Manholes on pipe sewers	13344 05	35 87
367	Inlets	12929 57	35 23
	Junctions, lumber, etc.	3781 72	
	Total	$118170 23	
	Less deductions for overtime	1410 00	
	Total cost	$116760 23	

NO. 4.— LENGTH, AREA, ASSESSED AREA, RATE OF ASSESSMENT AND ESTIMATES OF THE DISTRICT SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

NAME OF SEWER DISTRICT.	Length in Feet.	Area in Acres, Drained.	Assessed area in sq. ft.	Rate Assessed per 100 sq. ft. to nearest mill	Preliminary Estimate.	Estimat'd Cost based on the prices bid.	Actual Cost.
Nebraska avenue, No. 3	2,144	10.00	491,187	$1.031	$3,180 00	$2,651 21	$3,002 36
South Mill Creek, No. 47	450	3.13	91,160	0.448	480 00	408 73	408 16
Prairie avenue, No. 6	3,780	14.72	435,920	0.698	3,800 00	2,704 65	3,044 16
Fillmore street, No. 1	1,774	8.60	270.767	0.60	1,830 00	1,605 80	1,623 69
Clarendon avenue, No. 2	8,865	54.21	1,735,933	0.723	9,350 00	8,973 90	12,549 24
Prairie avenue, No. 7	3,013	13.65	788,477	0.755	3,400 00	2,928 40	2,933 59
Potomac street, No. 7	4,255	18.50	561,901	0.75	4,000 00	3,562 80	4,211 53
Cherokee street, No. 9	7,443	35.00	994,299	1.531	14,500 00	13,547 35	15,223 93
Davis street, No. 12	2,164	7.24	249,892	0.67	1,860 00	1,665 46	1,674 70
Arsenal street, No. 32	9,396	42.95	1,301,373	0.784	10,850 00	9,247 90	10,205 99
Gravois avenue, No. 1	14,383	75.00	2,199,931	0.623	15,400 00	14,130 92	13,700 30
Minnesota avenue, No. 6	634	2.50	76,033	0.798	560 00	585 82	607 04
Wyoming street, No. 17	1,685	9.00	243,670	0.548	1,500 00	1,307 35	1,335 81
Rock Spring, No. 7	5,750	33.00	1,030,437	1.037	9,000 00	9,615 60	10,688 55
Magnolia avenue, No. 1	3,360	14.55	428,815	1.22	4,400 00	4,798 27	5,232 84
Nebraska avenue, No. 4	6,091	30.00	897,006	0.888	6,700 00	6,932 57	7,964 52
Des Peres, No. 1	6,773	30.13	898,416	1.052	9,400 00	8,355 51	9,461 09
Rocky Branch, No. 5	10,646	39.04	1,240,977	1.039	12,720 00	12,658 45	12,892 73
Warne avenue, No. 8	4,019	26.10	....	....	....	....	....
Total amounts	96,625	467.32	13,936,194	Av. rate $0.838	$112,930 00	$105,680 69	$116,760 23

NO. 5.—PUBLIC SEWER WORK AUTHORIZED BY ORDINANCE AND UNDER CONTRACT.

NAME OF SEWER.	LOCATION.	CONTRACTOR.	Contract.	Ordinance.	Appropriations.	Expended on Account.	REMARKS.
Tower Grove Storm Sewer	On right of way from Kingshighway boulevard eastwardly 1,600 feet	Hill-O'Meara Construction Co.	4,419	18,675	$42,500 00	$15,936 41	In progress, 778 feet done.
Certain Sewer Inlets	Ten (10) at various places	Patrick McIntyre.	4,232	18,839	850 00	....	In progress.
					$43,350 00	$15,936 41	

NO. 6. — DISTRICT SEWER WORK AUTHORIZED BY ORDINANCE AND UNDER CONTRACT.

NAME OF SEWER DISTRICT.	CONTRACTOR.	Contract.	Ordinance to establish.	Ordinance to Construct.	Preliminary estimate.	Estimated cost based on bid.	REMARKS.
Euclid avenue, No 1	Anderson Bros	4079	18142 18168	18143 18169	$187000 00	$144992 50	Well along toward completion.
Potomac street, No. 8	James Martin	4476	18711	18712	3850 00	3346 74	In progress.
					$190850 00	$148339 24	

NO. 7. — DISTRICT SEWER WORK AUTHORIZED BY ORDINANCE AND NOT UNDER CONTRACT.

NAME OF SEWER DISTRICT.	Ordinance to Establish.	Ordinance to Construct.	Preliminary Estimate.	REMARKS.
Hodiamont Avenue Sewer District No. 1	18826	18827	$ 92000 00	Advertised for letting.
Wyoming Street Sewer District No. 18	18835	18836	300 00	Ready for letting.
Southern Sewer District No. 1	18859	18860	68000 00	Ready for letting.
Hodiamont Avenue Sewer District No. 2	18837	18838	485 00	Ready for letting.
Joab Street Sewer District No. 4	18980	18981	400 00	
			$161185 00	

NO. 8. — ANNUAL EXPENDITURES OF THE SEWER DEPARTMENT AND CLASSIFICATION THEREOF FOR THE PAST FOUR FISCAL YEARS.

TO WIT:	Expenditures for Year Ending April, 1894.	Expenditures for Year Ending April, 1895	Expenditures for Year Ending April, 1896.	Expenditures for Year Ending April, 1897.
Construction of public sewers	$ 53869 24	$ 37605 90	$120988 55	$ 48114 78
Constructing new inlets and outlet sewers	592 60	488 36	1349 64	....
Repairing sewers, inlets, manholes, etc., "ordinary repairs"	6161 70	6120 19	4535 03	4844 15
Repairing and reconstructing sewers, "extraordinary repairs"	10541 85	9863 36	9438 00	19002 76
Opening sewers and removing obstructions, cleaning sewers and inlets per pay-rolls and removing dirt from sewers and inlets per pay-rolls of carts	19839 25	22711 33	22817 42	26783 40
Engineering and supervision	25294 17	25501 51	29979 56	35344 55
Office and miscellaneous expenses	1883 12	1702 71	2379 37	2003 07
Expense of making surveys authorized by Ord. No. 14846	7365 14	5760 57	4040 08	3164 56
Maps of the survey of city under Ord. No. 14846, authorized by Ord. 17933	....	....	761 40	4737 60
Total for public sewer construction, maintenance, etc	$125547 07	$109753 93	$196289 05	$143994 87
Total for construction of district sewers	112530 39	109288 96	95314 66	116760 23
Total amount	$238077 46	$219042 89	$291603 71	$260755 10

NO. 9.—PRIVATE SEWERS (EXCEEDING 100 FEET IN LENGTH) ON PUBLIC AND PROPOSED HIGHWAYS COMPLETED DURING THE PAST FISCAL YEAR.

Permit No.	Block No.	NAME OF OWNER.	LOCATION OF SEWER.	Size of Sewer.	Length in feet.	No. of Inlets.	No. of Manholes.	Cost of inspection.
44814	3645	Fair Grounds Real Estate Co	In Vandeventer ave. from Ashland ave. south to Maffitt ave	15 inch pipe 6 inch pipe	1843 36	...	4	$363 80
45741	4556	Thomas Dunn	In alley between Washington and Delmar boulevards from point 420 ft. east of Walton ave. east	9 inch pipe	277	..	...	6 80
45770	3831 3832	Mary C. G. Miller and David C. Gamble	In Hodiamont ave. from Gambleton place northwardly to Plymouth ave.	18 inch pipe 9 inch pipe	205 150	...	..	17 00
45827	4969	J. H. Aug. Meyer	In alley between Folsom and Blaine aves., from Thurman blvd. west	12 inch pipe	150	..	...	8 50
45855	2446	August Siever	In Bissell st. from point 210 feet east of Blair ave., west 65 ft. to alley; thence north	8 inch pipe	152	....	...	3 40
45866	4552	Mary E. Kelly	In alley between Cook av., and Lewis pl. from Marcus av., west	9 inch pipe	540	....	..	17 00
45870	4445 A	Cherubino Dell Angelica	In Newstead ave. from San Francisco ave. south	9 inch pipe	520	...	..	11 90
45906	2110	Memorial Home	In Spring ave. from alley north of Botanical ave., to alley south of Botanical ave. thence, east	8 inch pipe	547	....	....	23 80
45935	3808	H. B. Collins and Edith Collins', tr. (Lewis F. Collins, tr)	In Belt ave. from Ridge ave., south	9 inch pipe	688	....	...	22 10
45969	4483	R. C. Greer & Sons Realty Co	In alley between Labadie and Greer aves. from point 1100 ft. west of Marcus ave. west	9 inch pipe	282	....	...	15 30
45975	1443 1444	John M. Roe	In Shenandoah ave. from alley west of Grand ave. to Grand ave., thence south to Sidney st., with branch sewers in alleys in Blocks Nos. 1443 and 1444, from Grand ave. to Arkansas ave. and lateral in Arkansas ave. from alley in Block 1444 north to Victor street	21 inch pipe 18 inch pipe 15 inch pipe 12 inch pipe 10 inch pipe	324 324 599 1016 130	6	10	127 50
46022 46165	3807w	William Hambley	In Ridge ave. from Belt ave. west to Lucretia ave. and thence south.	9 inch pipe	1164	....	...	86 70
46029	3683 3682	Lucas Realty and Investment Co	In alley between Lucky st. and Cote Brilliante ave. in Block 3683; and in alley between Lucky st. and Easton ave. in Block 3682; from points 205 ft. east of Pendleton ave. east	12 inch pipe	755	2	3	76 50
46114	2506	Standard Elevator Co	In alley west of Wharf from Ferry street, south	9 inch pipe	173	....	....	20 40
46299	.....	Laura C. Liggett and Kate W. Coleman	In Delmar boulevard from point 1114 ft. west of Union boulevard west	12 inch pipe	290	....	....	11 90
46253	545	Eliza Doerner's children, Adam Boeck, tr.	In Sixteenth st. from alley south of Wash street south	9 inch pipe	132	.	..	11 90
46282 46332	690 ...	Louisville and Nashville Railroad Co	In Cass ave. from alley between Collins and Second streets west	16 inch pipe	248	..	1	22 10
46295	4935 4936 4939 4940	Property holders on both sides of Russell av., from Thurman blvd. to Tower Grove av	In Russell ave. from Thurman boulevard west to Tower Grove ave	18 inch pipe 15 inch pipe 12 inch pipe 10 inch pipe	860 386 389 169	8	4	88 40
46353	1442	Emily Borgess	In Sidney street from Grand ave., east	9 inch pipe	479	....	....	17 00

46390	517	Lindell Real Estate Co.	In Lucas ave. from point 65 ft. west of Eleventh st, west	12 inch pipe	209	....	...	44 20
46649	654	Catherine J. Frost	In Howard street from alley east of Eighth st., east	9 inch pipe	110	....	...	13 60
46652 46653 46654	3646 3647 3626 3627	Fair Grounds Real Estate Co.	In alleys in City Blocks numbered 3626, 3627, 3646 and 3647; also laterals to inlets on corner of Sarah st. and Labadie ave., Block 3670, and on corner of Whittier st. and Labadie av., Block 3671 Note. Accepted by the City by ordinance No. 18723, as district sewers in Warne Ave. Sewer Dist. No. 8.	30 inch pipe 24 inch pipe 21 inch pipe 18 inch pipe 15 inch pipe 12 inch pipe	737 379 362 801 1060 680	20	13	125 80
46786	3769	Catherine M. Longinotte	In alley north of Fountain ave. from point 80 ft. east of Euclid ave., west crossing Euclid ave.	6 inch pipe	208	....	....	15 30
46831	3851 A	John J. Lavin	In Bartmer ave., from Hodiamont ave. west 240 ft., thence north in alley in block 3851A	12 inch pipe 9 inch pipe	240 155	....	....	17 00
47080	2676	Louis E. Kaltwasser and Maria Anna, his wife.	In alley between Oregon and Nebraska aves., from the north side of Chariton st. south	9 inch pipe	237	....	...	11 90
47119	295	City Fire Dept.	In Second st., from Chambers st, north to Madison st., and thence east to drain Engine House No. 26	9 inch pipe	363	...	1	10 20
47211	2649	Margaret A. Lueking and Mary Bocka	In Meramec st., from Louisiana ave., west	9 inch pipe	148	...	....	18 70
47247	4932	Ernest E. Koken and Joseph Rapp	In alley between Shenandoah and Cleveland aves., from Klemm st. west to alley; thence north and south	9 inch pipe	770	...	1	17 00
47452	5	Jas. R. Bissell's Estate.	In Wharf from Clark ave., north	9 inch pipe	114	...	....	5 10
47578	1347	S. E. Freund	In Ann ave., from alley west of Jefferson ave., east	9 inch pipe	264	....	....	17 00
47743	3983	John Wolf	In Tower Grove ave. from Vista ave., south	10 inch pipe	145	....	....	8 50
47806	4411 B	North End Real Estate and Investment Co.	In Newstead ave. from Farlin ave., south to alley, thence west	12 inch pipe	398	1	1	28 90
47928	4936	Edw. C. Becker	In alley east of Tower Grove ave., from Russell ave. north	9 inch pipe	110	....	...	17 00
47931	1445	C. M. Dolph	In Grand ave. from Sidney st south	9 inch pipe	223	....	....	5 10
48010	5073	Chas. E. Gibson	In Gibson ave. from alley east of Kingshighway boulevard (on south side of Gibson ave.) north and east	9 inch pipe	135	....	....	6 80
48058	3852N	Mrs. Fannie Giles	In Horton place from Hodiamont ave. west	9 inch pipe	136	....	....	13 60
48149	177	William Barnard	In Tenth st. from point 90 ft. south of Lucas ave., north to Lucas ave., thence west	10 inch pipe	139	....	...	25 50
			Total		20951	37	38	$1353 20

RECONSTRUCTION OF AN "ADOPTED" DISTRICT SEWER.

Permit.	Block.				Length.	Manholes.	Cost of Inspection
47779	4901	Louis Dozier et al., owners of property	Between Lindell ave. and Westmoreland place from Lake ave. eastwardly	18 inch pipe 15 inch pipe	926 ft. 789 "	3	$68 00

NO. 10.—LENGTH AND DIAMETER OF SEWERS BUILT UP TO APRIL, 1897.

MEAN DIAMETER IN FEET.		Length Built During the Past Fiscal Year.	Length of Sewer Abolished Last Fiscal Year.	Total Length in Feet.
Stone Sewer	14 x23½			82
" "	16 x20			563
" "	15½x20			797
Stone and Brick Sewer	15 x20			14,947
" " "	15 x18			3,235
" " "	15			1,297
" " "	12½x15	1,668 feet		3,581
" " "	13			761
" " "	12			8,748
" " "	10½ & 10			17,936
" " "	9½ & 9			11,537
Brick Sewer	8½, 8¼ & 8	709 feet		27,402
" "	7¾ & 7½			9,862
" "	7¼ & 7			9,651
" "	6½	518 feet		7,845
" "	6¼ & 6			22,794
" "	5½			16,410
" "	5¼ & 5			11,216
" "	4¾			9,088
" "	4½			58,226
" "	4	220 feet		42,857
" "	3½ & 3¼	1,441 "		61,445
" "	3	3,005 "		183,794
" "	2½	5,298 "		583,097
" "	2¼			39,871
" "	2			51,931
" "	1¾			12,613
" "	1½			4,383
Clay Pipe Sewer	2½	737 feet		737
" " "	2	7,207 "		34,008
" " "	1¾	7,494 "		30,905
" " "	1½	12,532 "		134,287
" " "	1¼	20,656 "		408,893
" " "	1	40,058 "		423,730
" " "	½		1,715 feet	6,162
Cement Pipe Sewer	2			618
" " "	1½			15,610
" " "	1¼			22,323
" " "	1			1,230
Total Amounts		101,543 feet	1,715 feet	2,294,472

Length of District Sewers built last year	98,340 feet.
Length of District Sewers abolished last year	1,715 feet.
Net amount	96,625 feet, or 18.30 miles.
Length of Public Sewers built last year	3,203 feet, or 0.607 miles.
Total length of Public and District Sewers built last fiscal year, net	99,828 feet, or 18.907 miles.

Total length of Public and District Sewers built up to April 13th, 1897=2,294,472 feet, or 434 559 miles.

NO. 11.—LENGTH IN MILES OF PUBLIC AND DISTRICT SEWERS AND THE EXPENDITURES OF THE SEWER DEPARTMENT FOR EACH FISCAL YEAR SINCE 1876.

DATE.	Length of Public Sewers Constructed During the Year, Miles.	Length of District Sewers Constructed During the Year, Miles.	Total Length of Sewers Constructed During the Year, Miles.	Expenditure for Public Sewer Work, Maintenance, etc., During the Year.	Cost of District Sewers Completed During the Year.	Total Cost of Sewer Work, Maintenance, etc., During the Year.
Up to April, 1876	33.650	138.261	171.917	$ 2,942,660 31	$ 2,545,643 22	$ 5,488,303 53
Year ending April, 1877	1.238	4.379	5.616	78,400 41	55,386 52	133,786 93
" " " 1878	1.473	0.262	1.735	88,623 56	4,547 64	93,171 20
" " " 1879	3.673	5.323	8.997	141,178 07	63,260 86	204,438 93
" " " 1880	3.673	4.016	7.689	146,307 10	43,058 38	189,365 48
" " " 1881	1.517	5.062	6.579	109,427 79	43,623 29	153,051 08
" " " 1882	1.312	7.330	8.642	115,448 82	70,892 15	186,340 97
" " " 1883	1.227	5.731	6.958	59,567 81	63,707 46	123,275 27
" " " 1884	0.728	4.396	5.124	79,330 63	42,468 82	121,799 45
" " " 1885	1.259	7.458	8.717	147,821 54	81,144 63	228,966 17
" " " 1886	1.076	13.924	15.000	119,222 63	150,064 02	269,286 65
" " " 1887	3.927	11.756	15.682	143,200 97	129,062 15	272,263 12
" " " 1888	1.299	6.605	7.904	138,734 70	51,371 98	190,106 68
" " " 1889	1.596	26.140	27.736	147,941 94	307,019 42	454,961 36
" " " 1890	1.384	11.409	12.794	109,953 44	90,989 04	200,942 48
" " " 1891	1.345	11.215	12.559	139,301 28	106,431 01	245,732 29
" " " 1892	1.501	12.060	13.561	155,397 85	105,891 26	261,289 11
" " " 1893	1.847	26.104	27.951	187,237 70	327,557 36	514,795 06
" " " 1894	1.355	13.829	15.184	125,547 07	112,530 39	238,077 46
" " " 1895	1.403	14.728	16.131	109,753 93	109,288 96	219,042 89
" " " 1896	4.544	14.631	19.175	196,289 05	95,314 66	291,603 71
" " " 1897	0.607	18.300	18.907	143,994 87	116,760 23	260,755 10
Total amounts	71.639	362.920	434.559	$ 5,625,341 47	$ 4,716,013 45	$10,341,354 92

NO. 12.—LENGTH OF PUBLIC AND DISTRICT SEWERS AND TOTAL COST OF PUBLIC AND DISTRICT SEWERS (CONSTRUCTION, MAINTENANCE, ETC.), AT THE END OF EACH FISCAL YEAR FROM 1876.

DATE.	Length of Public Sewers, Miles.	Length of District Sewers, Miles.	Total Length of Sewers, Miles.	Cost of Public Sewers.	Cost of District Sewers.	Total Cost of Sewers.	Maintenance, Current Expenses, etc.
Up to April, 1876	33 656	138.261	171.917	$2,463,565 40	$2,545,643 22	$5,009,208 62	$479,094 91
" " 1877	34.894	142 640	177 534	2,512,235 55	2,601,029 74	5,113,265 29	508,825 17
" " 1878	36 367	142 902	179.269	2,579,936 98	2,605,577 38	5,185,514 36	529,747 30
" " 1879	40 040	148 225	188 266	2,690,236 79	2,668,838 24	5,359,075 03	560,625 56
" " 1880	43.713	152.241	195 955	2,806,374 93	2,711,896 62	5,518,271 55	590,794 52
" " 1881	45.230	157.303	202.534	2,840,625 38	2,755,519 91	5,596,145 29	665,971 86
" " 1882	46.542	164.633	211.176	2,872,267 44	2,826,412 06	5,698,679 50	749,778 62
" " 1883	47 769	170.364	218.134	2,896,745 65	2,890,119 52	5,786,865 17	784,868 22
" " 1884	48 497	174 760	223 258	2,942,826 98	2,932,588 34	5,875,415 32	818,117 52
" " 1885	49 756	182.218	231 975	3,057,639 22	3,013,732 97	6,071,372 19	851,126 82
" " 1886	50.832	196 142	246.975	3,137,735 57	3,163,796 99	6,301,532 56	890,253 10
" " 1887	54 759	207.898	262 657	3,232,588 33	3,292,859 14	6,525,447 47	938,601 31
" " 1888	56 058	214 503	270.561	3,321,320 18	3,344,231 12	6,665,551 30	988,604 16
" " 1889	57.654	240.643	298.297	3,426,535 69	3,651,250 54	7,077,786 23	1,031,330 59
" " 1890	59.038	252.052	311 091	3,493,259 38	3,742,239 58	7,235,498 96	1,074,560 34
" " 1891	60.383	263 268	323 651	3,581,966 25	3,848,670 59	7,430,636 84	1,125,154 75
" " 1892	61 884	275.327	337.212	3,673,821 46	3,954,561 85	7,628,383 31	1,188,697 39
" " 1893	63 731	301 431	365.162	3,767,062 65	4,282,119 21	8,049,181 86	1,282,693 90
" " 1894	65 086	315.260	380 346	3,821,524 49	4,394,649 60	8,216,174 09	1,353,779 13
" " 1895	66.489	329 988	396 477	3,859,618 75	4,503,938 56	8,363,557 31	1,425,438 80
" " 1896	71 033	344 620	415.652	3,981,956 94	4,599,253 22	8,581,210 16	1,499,389 66
" " 1897	71.639	362 920	434.559	4,030,071 72	4,716,013 45	8,746,085 17	1,595,269 75

NO. 13.—COST OF DISTRICT SEWERS PER 100 SQUARE FEET OF AREA, ASSESSED FOR EACH FISCAL YEAR FROM APRIL, 1876, TO APRIL, 1897.

FISCAL YEAR.	No. of Sewer Districts Completed.	Area of Districts in Acres.	Cost per 100 Sq. Ft. of Assessed Area.		
			Max.	Min.	Mean.
Ending April, 1877	16	107.94	$3.356	$0.834	$1.691
" " 1878	2	11.74	1.505	1.471	1.486
" " 1879	18	147.04	2.479	0.779	1.343
" " 1880	15	172.26	2.226	0.575	1.196
" " 1881	16	174.40	1.781	0.656	1.107
" " 1882	32	197.00	2.37	0.69	1.215
" " 1883	17	162.00	1.92	0.66	1.32
" " 1884	19	121 48	2.685	0.624	1.207
" " 1885	32	217.04	4.049	0.66	1.294
" " 1886	32	348.60	3.829	0.586	1.466
" " 1887	21	339.47	2.361	0.461	1.269
Ending April, 1888	29	183.19	$1.464	$0.445	$0.948
" " 1889	27	781.02	2.168	0.35	1.405
" " 1890	27	297.33	3.768	0.498	1.013
" " 1891	27	324.79	1.703	0.475	1.057
" " 1892	28	364.95	1.392	0.411	0.925
" " 1893	21	732.00	1.729	0.454	1.442
" " 1894	25	379.37	1.848	0.338	0.998
" " 1895	22	380.31	1.391	0.498	0.936
" " 1896	20	467.38	1.087	0.305	0.649
" " 1897	19	467.32	1.531	0.448	0.838

ANNUAL REPORT

OF THE

Harbor and Wharf Commissioner,

For the Fiscal Year ending April 12, 1897.

Office of the Harbor and Wharf Commissioner,
St. Louis, April 13, 1897.

To the Hon. Board of Public Improvements:

Gentlemen: I have the honor to submit the following report of the business transacted in the Harbor and Wharf Department during the fiscal year 1896–97:—

EXPENDITURES.

The following amounts have been certified to the auditor on the respective appropriations:—

HARBOR FUND.

HARBOR AND WHARF SALARIES AND CURRENT EXPENSES.

By Annual Appropriation Ordinance 18,577		$13,400 00
To pay-roll, commissioner and permanent employees	$12,062 71	
To stationery and printing	247 25	
To office expense, repairing furniture	74 24	
To drafting instruments, purchase and repairs	22 85	
To keeping and maintaining horse and buggy	260 95	
To purchase of one horse	100 00	
To rent of levee office	240 00	
To fuel for levee office	10 40	
To ice for levee office	17 95	
To incidental expenses, car tickets, directory, postage stamps, rubber type, etc.	166 29	
Total	13,202 64	
To balance	197 36	
	$13,400 00	$13,400 00

REPAIRS OF DYKES, WHARF AND RIVER BANK.

By annual appropriation, ordinance 18,577		$25,000 00
To pay-roll, overseer and field hands	$1,183 50	
To pay-roll, laborers and cart	127 37	
To fastenings, links, rings, shackles, chains, etc	296 49	
To repairing wharf (reconstruction) with old and new granite, limestone paving, including grading, setting ringstones, furnishings and setting riprap and renewal sand as well as extra labor employed setting plank to secure paving on river front under contract 4242	22.802 66	
To flagstaff erecting and maintaining same	287 50	
To lumber, for repairs	42 48	
To sewer pipe and cement for repairs	11 06	
To miscellaneous expenses	17 20	
Total amount	$24,768 26	
To balance	231 74	
	$25,000 00	$25,000 00

HARBOR ROAT.

By annual appropriation, ordinance 18,577		$15,600 00
To pay-roll, Harbor Boat crew	$6.596 06	
To pay-roll, laborers as carpenters and caulkers	1,194 00	
To repairing and painting	3,163 27	
To boat stores, asphaltum, caulking cotton, candlewick, oils, gum, cottonrope, oakum, coal oil, matches, etc	371 86	
To cleaning boilers and furnaces	94 00	
To hose, couplings, expanders	65 50	
To fuel	2,301 71	
To ice	30 53	
To hardware, tools, etc	136 33	
To miscellaneous expenses	204 26	
Total amount	$14,157 52	
To balance	1,442 48	
	$15,600 00	$15,600 00

CLEANING LEVEE AND REMOVING OBSTRUCTIONS.

By annual appropriation, ordinance 18,577		$10,000 00
To pay-roll, laborers cleaning levee	$6,391 00	
To pay-roll, laborers and cart	15 00	
To pay-roll, partrolmen	25 37	
To incidental expenses	11 50	
Total amount	$6,442 87	
To balance	3,557 13	
	$10,000 00	$10,000 00

HARBOR CONSTRUCTION — TEMPORARY WHARF SOUTH ST. LOUIS, AUTHORIZED BY ORDINANCE 18,578.

By appropriation, ordinance 18,577		$21,000 00
To wharf construction, including dyke-rock, telford riprap, macadam furnished by the Work House, also grading fastenings, loam sand, rolling as well as labor under contract 4,428	$3,656 44	
To dyke rock not including contract	6,191 37	
To telford riprap not included in contract	565 60	

To rent of barge and tools	$832 00	
To extra labor	195 80	
To extra earth for embankment	1,231 00	
To lumber for staging	44 40	
To hardware, etc	20 93	
To dynamite, fuse, etc	9 80	
Total	$12,747 34	
To balance	8,252 66	
	$21,000 00	$21,000 00

MUNICIPAL REVENUE.

SCAVENGER DUMPS — SALARIES AND CURRENT EXPENSES.

By annual appropriation, ordinance 18,577		$6,900 00
To pay-roll — Superintendent and watchmen	$6,399 96	
To pay-roll, laborers	193 75	
To hardware, tools, etc	121 77	
To lamp, oils, repairs	48 71	
To printing and stationery	3 50	
To fuel — respective dumps	32 19	
To ice — respective dumps	38 74	
To miscellaneous expenses, repairing pumps, etc	10 30	
Total amount	$6,848 92	
To balance	51 08	
	$6,900 00	$6,900 00

SCAVENGER DUMPS — CONSTRUCTION AND REPAIRS.

By annual appropriation, ordinance 18,577		$1,500 00
To general expenses, respective dump-boats	$28 50	
To Northern dump, foot of Clinton street	553 90	
To Central dump, foot of Mullanphy street	182 54	
To Barton street dump, foot of Barton street	408 83	
To Southern dump, foot of Stein street	72 00	
Toal amount	$1,245 77	
To balance	254 23	
	$1,500 00	$1,500 00

STREET CLEANING — FLOATING DUMPS.

By annual appropriation, ordinance 18,577		$11,500 00
To pay-roll, watchmen	$5,303 77	
To pay-roll, laborers	1,977 37	
To hardware, tools, rope, snatch-blocks, pumps, water-buckets, brooms, etc	177 33	
To lamps, oils, repairs (repairing loose tools, etc)	100 14	
To printing and stationery	3 50	
To towing and dumping	1,695 66	
To fuel for respective dumps	14 19	
To ice for respective dumps	32 95	
To diver, attendants, apparatus	102 00	
To sundries, repairs (repairing boat proper), lumber, nails, bolts, oakum, crabs, cranks, paints and oils, spars, staging, salt, etc	1,241 78	
Total amount	$10,648 69	
To balance	851 31	
	$11,500 00	$11,500 00

RECAPITULATION.

APPROPRIATIONS.

Annual Appropriation for the Harbor Department, Ordinance 18,577:

HARBOR FUND.

Harbor and Wharf Salaries and Current Expenses	$13,400 00	
Repairs of Dykes, Wharf and River Bank	25,000 00	
Harbor Boat	15,600 00	
Cleaning Levee and Removing Obstructions	10,000 00	
Harbor Construction — Temporary Wharf, South St. Louis, Special Ordinance 18,578	21,000 00	
Total Annual Appropriation — Harbor Fund		$85,000 00

MUNICIPAL REVENUE.

Scavenger Dumps — Salaries and Current Expenses	$6,900 00	
Scavenger Dumps — Construction and Repairs	1,500 00	
Street Cleaning — Floating Dumps	11,500 00	
Total Annual Appropriation Municipal Revenue.		19,900 00
Total Annual Appropriation — Harbor Fund	$85,000 00	
Total Annual Appropriation — Municipal Revenue	19,900 00	
Grand total annual appropriation		$104,900 00

EXPENDITURES.

Expenses of the Harbor and Wharf Department:

HARBOR ACCOUNT.

Harbor and Wharf — Salaries and Current Expenses	$13,202 64	
Repairs of Dykes, Wharf and River Bank	24,768 26	
Harbor Boat	14,157 52	
Cleaning Levee and Removing Obstructions	6,442 87	
Harbor Construction — Temporary Wharf South St. Louis, Ordinance No. 18,578	12,747 34	
Total expenditures — Harbor account		$71,318 63

GENERAL ACCOUNT.

Scavenger Dumps — Salaries and Current Expenses	$6,848 92	
Scavenger Dumps — Construction and Repairs	1,245 77	
Street Cleaning — Floating Dumps	10,648 69	
Total expenditures — General Account		18,743 38
Total expenditures — Harbor account	$71,318 63	
Total expenditures — General account	18,743 38	
Grand total expenditures		$90,062 01

UNEXPENDED BALANCE RETURNED.

BY HARBOR FUND.

Harbor and Wharf — Salaries and Current Expenses	$197 36	
Repairs of Dykes, Wharf and River Bank	231 74	
Harbor Boat	1,442 48	
Cleaning Levee and Removing Obstructions	3,557 13	
Harbor Construction, Temporary Wharf South St. Louis	8,252 66	
Total balance returned — Harbor Fund		$13,681 37

BY MUNICIPAL REVENUE.

Scavenger Dumps, Salaries and Current Expenses	$51 08	
Scavenger Dumps, Construction and Repairs	254 23	
Street Cleaning, Floating Dumps	851 31	
Total balance returned, Municipal Revenue		1,156 62
Total balance returned, Harbor Fund	$13,681 37	
Total balance returned, Municipal Revenue	1,156 62	
Grand total balance returned		$14,837 99

Summary.

HARBOR FUND.

Grand total appropriation	$85,000 00	
Grand total expenditures	71,318 63	
Balance or unexpended appropriation		$13,681 37

MUNICIPAL REVENUE.

Grand total appropriation	$19,900 00	
Grand total expenditures	18,743 38	
Balance or unexpended appropriation		$1,156 62

REVENUE.

The following amount of wharfage and miscellaneous bills has been issued by the Harbor and Wharf Department and placed in the hands of the City Collector for collection, during the fiscal year 1896–1897.

WHARFAGE BILLS.

Steamboat trip bills	$9,742 25	
Excursion trip bills	1,782 81	
Packet license monthly bills	5,103 37	
Lumber	2,446 78	
Wood	120 48	
Skids	74 25	
Total		$19,269 94

MISCELLANEOUS BILLS.

LICENSES.

Ferries	$5,950 00	
Towboats	314 00	
Transfer Boats	1,130 00	
Transfer Barges	688 50	
Tugs	182 00	
Sand Barges	894 00	
Total		9,158 50

RENTALS.

Wharf Boats	$3,186 00	
Sand Landings	2,500 00	
Railway Companies	18,303 43	
Elevators	3,100 00	
Cotton Compress Companies	2,651 00	
Lumber Companies	8,269 62	
Rowing Clubs	120 00	
Miscl. rents, handling and storing mdse., iron, ice, logs, etc	5,567 02	
Barge hire	697 50	
Yacht Club	50 00	
Total		44,444 57
Grand total		$72,873 01

The above statement of revenue represents the amount of bills issued and placed in the hands of the City Collector for collection, and not the actual collections made, as some bills are still outstanding, in litigation or in the hands of the City Collector, while others, as will be seen by the following table, have been withdrawn and canceled for good and sufficient reasons, and filed in the office of the Harbor and Wharf Commissioner.

AMOUNT OF BILLS CANCELED DURING THE FISCAL YEAR 1896–1897.

The respective amounts of the following named wharfage bills have been withdrawn from the City Collector by the Harbor and Wharf Commissioner and Comptroller to be filed in the office of the Harbor and Wharf Commissioner, said bills having been examined and found worthless: —

Description.	Past Administration.	Present Administration.		Grand Total.
		1895–1896.	1896–1897.	
Miscellaneous Bills........	$1,328 29	$414 00	$329 31	$2,071 60
Lumber Bills	151 32	....	....	151 32
Wood Bills	6 05	8 25	....	14 30
Packet Licenses,..........	188 41	....	173 38	361 79
Steamboat Bills...........	....	126 08	91 48	217 56
Total.	$1,674 07	$548 33	$594 17	$2,816 57

STATEMENT OF CREDITS TO THE HARBOR FUND.

By unexpended balance April 13, 1896.................			$ 55,109 34
By City Collector, collection of wharfage and rents —			
Gross Collections......................	$ 66,672 47		
Less Commission......................	2,137 16		
Balance of Collection, City Collector.................			64,535 31
By Miscellaneous Collections — Sale of old junk, &c..			38 32
To Expenditures during the fiscal year 1896–1897		$71,318 63	
To Balance — Credit of Harbor Fund at the close of fiscal year 1896–1897...........................		48,364 34	
		$119,682 97	$119,682 97

REPAIRS AND RECONSTRUCTION OF WHARF.

The following area of pavement has been laid during the fiscal year 1896–1897, viz.:—

	SQUARES.	SQUARES.
New granite paving (reconstruction).................	639.36	
Old granite paving (reset)..........................	28.57	
Old limestone paving (reset).......................	1.52	
Total amount of paving laid or reset..........		669.45
The area paved with granite by the Harbor and Wharf Department to the close of the fiscal year 1895–1896..	9,943.78	
The area paved with granite during the fiscal year 1896–1897..	639.36	
Total area paved with granite by the Harbor and Wharf Department to date..................		10,583.14
The area paved with granite by the railroad companies to the close of the fiscal year 1895–1896...	1,157.86	
The area paved with granite during the fiscal year 1896–1897..		
Total area paved with granite by the railroad companies to date......................		1,157.86
Grand total area paved with granite to date.......		11,741.00

According to the annual report of the Harbor and Wharf Commissioner of last fiscal year (1896–1897) the St. Louis, Iron Mountain and Southern, and Missouri Pacific Railway Companies, have reconstructed and paved with granite at their own expense, about eleven thousand two hundred and forty (11,240) feet of single track during the past five years, or two and thirteen hundredths ($2\frac{13}{100}$) miles, which completed both levee tracks of said companies between Carr and Poplar streets.

The distance from Poplar street to Chouteau avenue (seventeen hundred and ninety (1790) feet or about one-third ($\frac{1}{3}$) of a mile of double track of reconstruction) which should have been completed during the past year was deferred until this year owing to the urgent necessity of extensive repairs, on other portions of the wharf.

HARBOR BOAT.

Although the harbor boat may be enumerated among the few thrilling and miraculous escaped of water-crafts from utter destruction by the memorable cyclone of May 27, 1896, which caused such inestimable loss to life and property in our city, nevertheless she suffered great damages both to her machinery and to the boat proper.

Having almost completed her day's work on that fatal day, she was moored at Lucas avenue, but the terrible gale tore her from her fastenings and landed her at President street, a distance of three and one-half miles, devoid of the greatest portion of the hurricane-deck, pilot house, wheel-houses, smoke-stacks, railings, etc., and presented a pitiable sight on the following morning as she was again brought back and fastened at Olive street.

The department, however, wasted no time in lamenting her damages but at once set about repairing her. At this opportune time, thorough repairs should have been made; but the balance of Harbor Boat appropriation would not permit it; however, about $3,000.00 were expended in replacing the damages to her upper-works including painting, special repairs to her machinery and resalting. Her present condition demands extensive repairing during the coming year, as she is in great need of a new fore and aft deck, boiler deck, new cylinder timbers, mud-drum, "doctor," wheel-houses, etc.

These repairs will cost about $5,000.00 and place her in first-class condition.

She has on her about 1,500 feet of good three-inch hose which should be increased from 600 to 1,200 feet during the present year, otherwise she is well-equipped in every way.

In compliance with the government regulations a new life-boat has been constructed during the past year, thus making two life-boats, which, with the seventy "Standard Life-Preservers" and fifty-two "Life-Floats," insures safety in case of accident.

The two flats under the immediate control of the Harbor Boat are still in a fair condition. The "Fletcher" is still used by the department as a tool and storing barge, while the other has been rented during the greater portion of the past year. She is in need of a new deck and partial repairs to her gunwales, the repairing of which will cost about three hundred fifty ($350.00) dollars.

CLEANING LEVEE AND REMOVING OBSTRUCTIONS.

The river front between the northern and southern boundaries of the city comprises a distance of 19.15 miles, and with the exception of the portion extending from Ferry street north is divided into four districts named in the following tabular statement giving the distance of improved and unimproved wharf in each:—

DISTRICT. No.	DISTRICT. Name.	BOUNDARY.	DISTANCE IN MILES. Improved.	Unimp.	Total.
1	Northern	Ferry st. to Chambers st	0.88	0.90	1.78
2	Northern Central	Chambers st. to Washington av	0.52	0.82	1.34
3	Central	Washington av. to Chouteau av	1.19	....	1.19
4	Southern	Chouteau av. to Southern limits	1.09	5.82	6.91
	Grand total		3.68	7.54	11.22

The improved wharf of the fourth or southern district extends only to Louisa street, thus giving us for the main or business portion of the wharf, the space between Ferry and Louisa streets, an entire distance of five and two-thirds (5⅔) miles.

Only three and sixty-eight hundredths (3.68) miles of this portion is actually improved, about two (2) miles of it with telford, while the remaining portion is improved with granite and limestone paving.

The portion of the improved wharf, used for landing purposes by the various steamboat and transfer companies which is paved with granite and lying between Biddle street and Chouteau avenue, is in excellent condition, while the portion improved with telford and limestone blocks is urgently in need of extensive repairs. Many complaints are made to this department on account of this condition of affairs, which should be remedied as soon as possible, for poor landings only retard river business and ever prove a detriment to the best interests of this department.

The unimproved portion of the wharf is leased per authority and in compliance with Sections 239, 240, Chapter 13, Article 4, of Revised Ordinance, 1892, which permits same to be leased from five to fifty years for special purposes such as the erection of cotton shed, grain-bins, elevators, warehouses, railroad tracks, etc., or rented by the month for the purpose of landing, hauling and handling of lumber, coal, sand, gravel, and other similar merchandise.

At the request of many of the leading business men of Carondelet who seriously complained of the unjust manner in which they were obliged to receive their freight, by having same pass their wharf, landed in the Central district, and then hauled back to their repective places of business, thereby materially increasing the cost besides proving a waste of time, an ordinance, No. 18,578, was introduced and passed by the Municipal Assembly authorizing the construction of a temporary wharf at the foot of Krauss street. In compliance with said ordinance a temporary wharf 300 feet long and 200 feet wide has been nearly completed and will be finished as soon as the stage of the river will permit, thus furnishing the southern district with this needed improvement.

The exceptional high rises of the river during the past year have kept the harbor boat and laboring crews quite busy in washing the heavy accumulation of sediment from off the eastern plane of the wharf. The western plane from Washington avenue to Elm street has also been washed four times during the past year.

Mention should be made in this report of the condition of the wharf between Mullanphy and Mound streets. A portion of this wharf occupied by the Laclede Gas Light Company, and by a decision of the State Supreme Court, November 12, 1888, possessed and controlled by said company, is causing a serious obstruction to our harbor. Said company has extended this portion of the landing beyond the present wharf line at low water, by the dumping of ashes and cinders, and much of said material is carried down by the current and lodged, thus shoaling the harbor. We believe the Federal authorities should take action in this matter to prevent the further obstruction to the general river interests.

In my last annual report I called attention to the following ordinance governing the length of stages connecting wharf boats with the wharf:—

> "All wharf-boats from one hundred to two hundred feet in length shall not be permitted to lie at their regular landing place with a less space than thirty feet between said wharf-boat and the water line of the landing in front of said wharf-boat, and wharf-boats from two hundred to four hundred feet in length shall not be permitted to lie at their regular landing place with a less space than fifty feet between said wharf-boats and the water line of the landing in front of said wharf-boat." Section 252, Article 5, Chapter 13, Revised Ordinance, 1892.

Heretofore wharf-boats were permitted to lie so close to the wharf as to impede the current between them and their landings, thus shoaling the harbor. It is indeed gratifying to know that to a great extent the above ordinance has been complied with during the past year, and we believe our steamboat-men, who appreciate the value of a good harbor, already realize the profitable results accruing to their interests in complying with it. It is to be hoped that all will join in its observance so that the very best of results may be secured for the good of all concerned.

SCAVENGER DUMP BOATS.

The matter of the city's dumpage has ever caused the department a great deal of trouble and has proven a serious obstacle to the river interests as the successivere ports of the department during the past years will conclusively show. According to Section 214 Revised Ordinance 1892 governing same:—

> "The Scavenger Dumps established and maintained by the city shall be free dumping places for slops, refuse from markets, manure, night-soil, offal from slaughter-houses, and other animal or vegetable matter, but not for earth, stone, or other matter liable to fill up the river bed in front of the dumps, and to create an obstruction to the harbor of the city."

Although every precaution is taken, and every effort is put forth by the department to closely inspect and prevent illegal dumping, nevertheless as the water recedes after every rise, the insoluble matter deposited on the wharf, and, which the current was unable to carry away, conclusively proves that the above cited ordinance is ever flagrantly violated, and not only this, but the department at the expense of its own fund is obliged to remove these obstructions to accommodate the city's interests to the detriment of its own.

Even the commercial garbage which by the spirit of ordinance No. 15,718, should be destroyed by the Merz system (but owing to some technicality in its construction or phraseology) has been thrust upon our care, and proves a great nuisance to the river interests. The opinion of the department in relation to this matter is well known, and we believe steps should be taken by the Municipal Assembly to dispose of commercial garbage (now being dumped into the river) by the Merz system, the same as all other garbage; and furthermore that the great amount of manure now dumped over our boats should be disposed of in a way to benefit the surrounding farming districts. It has often been asserted, and in many instances truthfully, that the St. Louis County, as regards farming interests, is one of the poorest in the State, and were the many loads of manure now simply thrown away utilized for fertilizing purposes, beneficial results might be secured to our farmers. This could easily be done, and we believe with less expense, by establishing several free manure dumps and then transporting same by rail to public dumping places in the outlying districts, and thus afford the farmers an opportunity to secure the manure, at very low cost or gratis, for fertilizing purposes. This same plan should also be applied to street sweepings. The above manner of disposition of dumpage would, to a great extent, obviate the many and serious objections to our present system, and materially aid in preventing the pollution of public streams.

The location of the respective dumps is governed by ordinance, and although it has been customary for the safety of the boats to place them in a fleet at the foot of Kansas street during the winter months, nevertheless several were employed at or near the foot of Olive street during the past winter for the dumping of snow.

Heretofore snow was dumped on the levee and later washed into the river by the Harbor Boat. The above plan is not only a cheaper one, but has proven itself a great success over the old way in the disposition of snow, and as long as teamsters are careful in loading not to include any illegal dumpage, the plan will be continued.

Another matter deserving of attention and which has caused considerable complaint is the growing practice of teamsters residing in one district to haul their dumpage to dump-boats outside of their district to suit their own convenience, thus decreasing the work of one dump boat and materially increasing the work of another. This causes an overcrowded condition on some dumps and compels ofttimes the regular patrons to lose time in waiting their turn, and frequently leads to unpleasantness with teamsters and watchmen. It might be well to divide the city into districts, and then require every teamster to use the dump boat of his immediate district.

With the exception of tearing several of the dump boats from their fastenings, little damage resulted to the various dump boats from the cyclone of last May which caused the destruction of so much river property.

The condition of the respective dump boats is as follows:—

NORTHERN SCAVENGER DUMP BOAT.

The Northern scavenger dump boat (twin boat) is located at the foot of Clinton street. Each boat is 100 feet long and 25 feet wide, making a total width of 50 feet, thus not only furnishing ample room for the handling of teams, but also casting the dumpage sufficiently out so as to be readily carried away by the current. Her condition is not a very good one, although having received general repairs last year and having been caulked above light water, salted and repainted, she will need considerable attention this year. Her deck is past repairs and she will also have to be docked. Her repairs are estimated at one thousand dollars ($1,000.00).

CENTRAL SCAVENGER DUMP BOAT.

The Central scavenger dump boat is also a twin boat located at the foot of Mullanphy street. She was built in September, 1895, to replace the old and worn out craft at Barton street, which, with the approval of the Comptroller, was sold November 11, 1895, by the Supply Commissioner, and placed at Mullanphy street as the department could use her to greater advantage at said place, owing to the increased, as well as the character of dumpage at said dump. They are the best dump boats in the service and the only unsatisfactory feature about them is their length. Instead of being but 100 feet long, they should be at least 125 to 150 feet long to accommodate the increased demand of dumpage in that district. They have required but little repairing during the past year, and are still in first-class condition, having been thoroughly resalted and painted.

BARTON STREET SCAVENGER DUMP BOAT.

The Barton street scavenger dump boat, located at the foot of Barton street, is the old dump boat formerly used at Mullanphy street. She is 140 feet long and 38 feet wide with a 6-foot depth of hold and is the largest single boat in the service. She received only general repairs during the past year and was caulked above light water. She was also salted and given a new coat of paint. As her present condition is a fair one, she will only need incidental repairing during the coming year. The dumpage of the Barton street dump boat is the largest in the city as will be seen by the following tabulated statement and it is the opinion of the department that the increased work on this boat warrants the employing of an extra watchman, making its number three the same as that of Mullanphy street to relieve the present strain. An ordinance to this effect has been introduced into the Municipal Assembly and its passage is expected.

SOUTHERN SCAVENGER DUMPS.

The Southern scavenger dump, located at the foot of Stein street, has not employed a dump boat for three and one-half years as it is the smallest dump in the city and the current at said place continues sufficiently strong to carry all dumpage free from the shore. The approach to this dump is, however, in a very unsatisfactory condition and should receive some attention during the coming year.

The following statement gives the number of wagon loads of manure and other material such as store-sweepings, night soil, market refuse, etc., which has been dumped over the respective dump boats during the fiscal year, 1896–1897: —

Dump.	Location.	Number of wagon loads dumped.
Northern scavenger dump	(Clinton street)	13,326
Central scavenger dump	(Mullanphy street)	49,463
Barton street scavenger dump	(Barton street)	50,791
Southern scavenger dump	(Stein street)	1,287
Total		$114,867

STREET CLEANING — FLOATING DUMPS.

The Street Cleaning Floating Dumps consist of three landing or drive-on boats, and three midstream or dump boats. The old and worn-out dump boat fastened at Mullanphy street, which for some time has served to no other purpose than to increase the work and expense of the department has been wrecked according to recommendations of my last annual report and the old crabs and iron work retained for the construction of a new dump-boat which should be built very soon. The constant wear and tear of these boats and not unfrequently the unlawful dumpage causes continual repairing and an extra boat should be built to assist and help out in cases of emergency, and also to avoid delays while others are being repaired.

The location and condition of the respective street cleaning dump boats is as follows:—

MULLANPHY STREET STREET CLEANING DUMP BOAT.

The Mullanphy street street landing boat placed at the foot of Mullanphy street is one hundred feet long, twenty-five feet wide, and has a five-foot depth of hold. Although she has received general repairs during the past year, such as new sheathing, caulking above light water, plank-sheared, cleaned, salted and painted, her condition is not a very satisfactory one. After an examination it is found she will need during the coming year partial new gunwales, an entire new deck and also new houses. The staging of this dump has also been changed from the ends to the center and is giving general satisfaction.

The dump-boat has also received considerable repairing during the past year, and to place her in good condition will demand quite an outlay during the coming year.

WASHINGTON AVENUE STREET CLEANING DUMP BOAT.

Although both the Washington avenue street landing and dump boats placed at Washington avenue received a thorough overhauling according to my last annual report, the dump boat had to be docked again during the past year owing to illegal dumpage of iron, rocks and wire, causing the breaking of the gates.

The landing boat has received a new deck, new sheathing and has been plank-sheared, and both boats were thoroughly cleaned, salted and painted, thus placing them in first-class condition. Central staging has also been adopted for this dump with the same satisfactory and beneficial results.

CHOUTEAU AVENUE STREET CLEANING DUMP BOAT.

The condition of the Chouteau avenue street cleaning, landing boat, located at the foot of Chouteau avenue, is not a very encouraging one. Although she has been thoroughly cleaned, resalted and painted, during the past year, she is urgently in need of extensive repairing, new gunwales, an entire new deck, and she should be docked and caulked, which will cost about $1,000.00.

The dump boat is a new boat built in October, 1895, and is in excellent condition. She has been resalted and painted during the past year, and will require but little attention during the present year.

The respective street cleaning dump boats have received and dumped into the midstream of the river the following number of loads of street cleanings during the fiscal year 1896–1897:—

Dump.	Location.	Number of Wagon Loads Dumped.
Mullanphy street dump	(Mullanphy street)	6,136
Washington avenue street dump	(Washington avenue)	24,346
Chouteau avenue street dump	(Chouteau avenue)	19,356
Total		49,838

REVENUE.

Ordinance No. 18,038 passed by the Municipal Assembly and approved April 4, 1895, reducing the wharfage on excursion and steamboats, as well as tow-boats and wharfboats, exempted tugs from the payment of wharfage. Owing to this exemption an ordinance, No. 18,764, was therefore introduced and passed by the Municipal Assembly, and approved January 19, 1897, amending the above named ordinance, and authorizing the collection of wharfage from tugs, thus placing them on a par in this regard with other water crafts.

Another discrimination in business methods which has proven itself a detriment to the interests of river men demanded the attention of this department. During the past few years the railroad companies have unloaded a great deal of lumber on the wharf thereby not only occupying space greatly needed by the river trade; but also occupying space with merchandise on which they pay neither rental nor wharfage. As Section 224, Revised Ordinance 1892, exacts a wharfage on lumber brought to this port in rafts only, no wharfage could be collected on lumber brought in by rail, thus permitting railroad companies to occupy the wharf gratuitously for which the river men were and are obliged to pay wharfage, regardless of the fact that said wharf was largely constructed from the revenue derived from the trade of the latter.

The following statement of revenue derived from lumber during the past three years conclusively shows the decrease of wharfage on lumber brought in by raft.

	Amount.
In 1894-1895 Wharfage collected on lumber	$5,593 89
In 1895-1896 " " " "	2,648 45
In 1896-1897 " " " "	2,446 78

Owing to this condition of affairs the department introduced an ordinance into the Municipal Assembly, amending the above named ordinance so that wharfage will be collected on lumber whether brought to this place by raft or rail. The passage of said ordinance by the Municipal Assembly will not only correct this discrimination in official regulations; but will adjust this matter in a way suitable to all interested.

The old junk, consisting of old rope, canvas, hose, brass, iron, etc., which accumulated from time to time on the harbor boat was sold by the Supply Commissioner April 12, 1897, for $38.32, said amount being placed to the credit of Harbor Fund.

A comparison of the statement of revenue of this year with that of last year will show for all accounts a net gain of $811.37. While the great bulk of revenue is derived from Leases and Rentals, the summary of these accounts show a loss of $349.37 while the revenues derived directly from wharfage and licenses presents a gain of $1,260.74, showing an increased activity in river trade.

The following table presents a comparative statement of losses and gains (of bills issued) of the respective accounts for the fiscal years 1895-1896 and 1896-1897.

Description of Bills.	Am't of bills issued 1895-1896.	Am't of bills issued 1896-1897.	Loss.	Gain.
Miscellaneous Bills	$54,909 23	$53,677 32	$1,231 91	
Lumber Bills	2,648 45	2,446 78	201 67	
Wood Bills	107 38	120 48		$13 10
Packet License	4,892 69	5,103 37		210 68
Steamboat bills	9,503 89	11,525 06		2,021 17
	$72,061 64	$72,873 01	$1,433 58	$2,244 95

WHARF PROPERTY.

A brief statement of the condition of suits brought for quieting title to portions of the wharf is herewith noted, viz.:—

I. Celestine Pim *v.* City of St. Louis and the St. Louis Sectional Dock Co., ejectment to recover a portion of the wharf lying east of City Block No. 868, which was decided in favor of the City by the Circuit Court and affirmed by the State Supreme Court, and plaintiff has taken the case, by writ of error, to the Supreme Court of the United States by whom it was dismissed February 1, 1897, for want of jurisdiction.

II. City of St. Louis *v.* Missouri Pacific Railway Company, to recover property in City Block No. 3,123, was decided in favor of the Railroad Company by the Circuit Court and reversed and remanded by the State Supreme Court rendering judgment for the City one cent damages subject to the right of defendant to maintain and operate ten (10) tracks, and incline track on said premises as shown by plat — Circuit Court has corrected its record to conform with above decision.

III. Victoria D. Whyte *v.* City of St. Louis, ejectment for possession of wharf in City Block No. 870, October, 1896. Cause submitted and judgment rendered for plaintiff for 90 feet front, 51,636.04 damages and $15.00 per month rental. Appealed by both parties to the State Supreme Court, where cause is now pending.

IV. Martha J. Sweringer *v.* City of St. Louis and Justin E. Joy; ejectment for possession of wharf in front of City Blocks 660 east and 661 east between Branch and Buchanan streets — November 2, 1896, judgment for plaintiff for possession and for $5,000.00 damages for detention and $100.00 per month for rents — appealed to and now pending in the State Supreme Court.

V. Julia A. Hafner et al. *v.* City of St Louis, St. Louis, Keokuk and North Western R. R. Co., and Justin E. Joy; ejectment for wharf at foot of Dock street. Pending in Circuit Court No. 5.

VI. Henry F. Hafner *v.* City of St. Louis; ejectment for wharf between Dock and Branch streets. Pending in Circuit Court No. 7.

GENERAL REMARKS.

The location and condition of the levee office, which, ever since the organization of the department under the Scheme and Charter 1877, has been located at 516 N. Levee, is of great inconvenience to the department, and during the past few years even an annoyance in the performance of official duties.

The location of the office for steamboatmen and those having business to transact with the department is far from being a convenient one or easily accessible while its condition is one of filth and unsafety. The elevated railroad as well as the trains on the levee proper continually passing to and fro, create such a noise that the business in the office is ever interrupted and telephone messages cannot be heard at all. Again, the building contains no vaults and many valuable records are stored away in frame cases, which not even insures them against dust. The long cherished plans of the department have therefore culminated in the introduction of an ordinance into the Municipal Assembly asking for $3,000.00 with which to erect a store-room and office building on the eastern plane of the wharf between Pine and Olive streets. Should the ordinance be favorably considered and passed by the Municipal Assembly it would furnish a safe and more convenient office and also enable the branch of the department to carry forward its varied and many duties with greater success and dispatch.

The total number of requisitions issued by the department to the City Register and Supply Commissioner for printing, stationery and the various supplies needed for the respective offices and boats during the fiscal year is 208 against 216 of previous year.

The ordinance authorizing the construction of a third bridge over the Mississippi river at this point was passed by Congress at its last session. It is to be hoped that should this measure be carried out, the bridge will so be placed as to serve to the best public interests.

I am permitted to report that there was no suspension of navigation during the past fiscal year, aside from several days in the month of December, 1896, owing to the great amount of floating ice in the river.

The sounding of the river along our shore especially between Bissell point on the north and Louisa street on the south was taken November 16, 1896, at which time the gauge registered 6.60. The result of same although presenting no material change from that of the previous year, nevertheless showed a fair channel in low water in our harbor.

The following statement giving the widths of the Mississippi river at the respective designated points, obtained by the survey of the Mississippi River Commission in October, 1889, the gauge reading about four, is furnished through the kindness of Capt. H. E. Waterman, Corps of Engineers U. S. A. and secretary of Mississippi River Commission.

LOCATION.	DISTANCE IN FEET BET. Shore lines.	Tops of Banks.
At the foot of Marceau street	1,350	1,575
" " Meramec street	2,050	2,280
" " Chouteau avenue	1,525	1,700
" " Washington avenue	1,510	2,025
" " O'Fallon street	1,830	2,185
" " Anglerodt street	2,615	3,250
" " Merchants bridge	.....	2,750

In place of giving the highest and lowest gauge readings of the river, as has been customary, a statement presenting the daily gauge readings of the Mississippi river at St. Louis during the past fiscal year is appended in statement No. 9 for the first time, and will prove of interest especially to river men. The heavy figures representing the highest and lowest gauge readings for the respective months.

In conclusion I desire again to call attention to the limestone paving which is in an unsatisfactory condition and should be promptly replaced by granite. The river interests demand this, the fund at the disposal of the department will allow it, and there is every reason why the coming year should see an improvement in this direction to the fullest extent permissible to the amount of the harbor fund on hand.

A WORD OF THANKS.

The department desires hereby to acknowledge its many thanks to —

Col. J. K. Cummings for several maps of the Missouri and Mississippi river presented to the department; also to

Mr. H. C. Frankenfield, local forecast official of the Weather Bureau, for his kindness in supplying both this and the levee office (516 N. Levee) with the official " Weather Map " displayed in our offices during the past year; and to

Hon. M. L. Holman, Water Commissioner, for sundry permits granting this department the use of water plugs on the levee to wash off the western plane of the wharf, as the constant railway traffic prevented the laying of the hose from the harbor boat across the tracks.

I desire also to acknowledge my obligations to Capt. R. J. Whitledge, Assistant Harbor and Wharf Commissioner, who has charge of the levee office at 516

N. Levee, and to every officer and employee who by the faithful discharge of his duties has promoted the best interests of the department.

The following tabulated statements will be found in an appendix to this report, viz.: —

No. 1.— Statement showing the condition of annual contracts for work chargeable to the account of Repairs of Dykes, Wharf and River Bank.
No. 2.— Statement of the number of steamboats and barges and their tonnage arriving at St. Louis during the fiscal year 1896–1897.
No. 3.— Statement of the amount of lumber, shingles, laths, pickets and logs received at St. Louis by river during the fiscal year 1896–1897.
No. 4.— Statement of the amount of firewood received by river at St. Louis and wharfage charged thereon during the fiscal year 1896–1897.
No. 5.— Statement of wharf privileges granted under the following special ordinances and yielding revenue to the City of St. Louis, and in force at the end of the fiscal year 1896–1897.
No. 6.— Statement of wharf privileges granted under general ordinance (Section 240, Article 4, Chapter 13, Revised Ordinance 1892) and yielding revenue to the City of St. Louis and in force at the end of the fiscal year 1896–1897, subject to cancellation at the option of the Harbor and Wharf Commissioner.
No. 7.— Statement of wharf privileges granted under the following special ordinances yielding no revenue to the City of St. Louis in force at the end of the fiscal year 1896–1897.
No. 8.— Statement of Ferry Companies privileges granted under the following special ordinances or Mayor's permit yielding revenue to the City of St. Louis and in force at the end of the fiscal year 1896–1897.
No. 9.— Statement of daily gauge readings of the Mississippi river at St. Louis during the fiscal year 1896–1897.

Respectfully submitted,

C. H. STONE,
Harbor and Wharf Commissioner.

TABLE NO. 1.—STATEMENT SHOWING THE CONDITION OF ANNUAL CONTRACTS FOR WORK CHARGEABLE TO THE ACCOUNT OF REPAIRS OF DYKES, WHARF AND RIVER BANK.

Contract No.	NAME OF CONTRACTORS.	CHARACTER OF WORK.	Amount Certified to Apr. 13, '96.	Amount Certified to from April 13, 1896, to April 12, '97, Both Inclusive.	Total Amount Certified to	Percent' ge retained.	Remarks.
3989	Skrainka Con. Co.	For repairs of the wharf with granite and limestone blocks from July 1, 1896, to July 1, 1897..	$11996 32	$5487 79	$17484 11	....	Expired.
4242	Allen & Vieths....	For repairs of the wharf with granite and limestone blocks from July 1, 1896, to July 1, 1897..	....	17314 87	17314 87	$1923 87	In progress.
4428	James Short......	For construction of a temporary wharf at Krauss st..........	....	3656 44	3656 44	406 27	In progress.

TABLE NO. 2.—STATEMENT OF THE NUMBER OF STEAMBOATS AND BARGES AND THEIR TONNAGE ARRIVING AT ST. LOUIS, DURING THE FISCAL YEAR 1896-1897.

	Upper Mississippi Riv.				Lower Mississippi Riv.				Missouri River.				Illinois River.					Ohio River.				Tennessee River.			
	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Canal Boats	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.
April, 1896	39	24	15	17918	42	80	115	80769	3	1	....	852	16	5	2	13	9756	..	8	21	5639	8	1	3	3277
May	48	49	12	22244	39	127	116	128993	4	2	....	1176	17	7	....	13	9772	....	11	44	11552	7	3	6	4130
June	48	39	22	34411	41	107	84	105866	....	2	...	238	9	3	...	3	3074	....	7	20	5964	9	3	6	4594
July	53	40	26	31645	56	161	96	145035	....	....	....	....	9	5	..	2	4113	...	10	16	5857	9	2	7	4550
August	58	34	29	31849	44	131	78	120020	4	1	....	1082	10	2	....	1	3498	...	...	...	....	10	5	15	8021
September	46	32	6	20642	36	65	77	69344	....	1	....	250	17	..	..	....	5116	..	1	3	856	6	1	7	3315
October	46	12	2	16365	48	51	96	61453	...	1	....	58	9	..	...	..	2473	...	2	2	555	5	1	6	3280
November	32	11	7	11704	46	47	78	44503	....	1	....	80	5	1	...	..	1505	...	2	7	2582	3	1	3	2104
December	2	3	3	1228	30	41	66	44434	....	1	....	250	....	3	..	...	240	....	1	3	1587	4	....	3	1565
January, 1897	....	1	......	80	21	31	49	35664	...	....	...	....	...	4	...	....	314	....	2	5	1913	2	..	1	696
February	....	......	.....	....	17	27	44	33166	....	...	....	....	....	3	..	....	240	....	3	....	1015	5	5	13	5824
March	23	12	2	9346	28	41	68	46487	...	1	....	78	9	1	..	...	3266	....	....	....	....	8	10	11	8872
Total	395	257	124	197432	448	909	967	915734	11	11	....	4064	101	34	2	32	43367	....	47	121	37520	76	32	81	50228

RECAPITULATION.

	Packets.	Boats.	Canal Boats.	Barges.	Tonnage.
Upper Mississippi River	395	257	....	124	197,432
Lower Mississippi River	448	909	....	967	915,734
Missouri River	11	11	....	....	4,064
Illinois River	101	34	2	32	43,367
Ohio River	....	47	....	121	37,520
Tennessee River	76	32	....	81	50,228
Total	1031	1290	2	1325	1,248,345

TABLE NO. 3.—STATEMENT OF THE AMOUNT OF LUMBER, SHINGLES, LATHS, PICKETS AND LOGS RECEIVED AT ST. LOUIS BY RIVER DURING THE FISCAL YEAR 1896-1897.

	White Pine, Feet.	Shingles, Number.	Laths, Number.	Pickets, Number.	Logs, Superficial Feet.	Yellow Pine, Feet.	Poplar, Feet.	Cotton-wood, Feet.	Cypress°, Feet.	Sycamore, Feet.	Ash, Feet.	Oak, Feet.	Walnut, Feet.	Gum, Feet.	Maple, Feet.	Hickory, Feet.	Cherry, Feet.	Cedar, Feet	Mahogany, Feet.	Chestnut, Feet.	Linn, Feet.	Elm, Feet.
April, 1896	1824700	1131750	645200	20000	771900	...	438000	379000	....	.....	......	121600	......	....	....	3000	....	22600	..	....	....	.....
May, “	9834200	1141500	2569600	45500	1322800	...	....	342800	....	.....	30000	32500	.....	....	....	......	....	20000	1000	...	....	.....
June, “	10122000	2417600	2454200	71000	2227500	....	130700	951000	18300	....	11600	402100	3000	....	....	.....	....	20600	4000	..	...	.....
July, “	17341000	4784500	2520900	45900	2388700	...	1729000	112000	5000	4000	29500	460100	3000	...	....	14000	...	72000	...	..	....	.....
August, “	9631500	1505600	1181000	3400	397000	...	843200	178000	39700	8500	10000	503500	7700	...	....	8200	..	8000	...	...	...	.....
Sept. “	11547600	4073000	2615000	38600	108000	....	32400	776000	40000	.....	41500	102000	5600	....	....	......	600	20000	...	..	..	.....
October, “	4233800	647300	892000	40000	151000	..	290500	367000	48000	.....	.....	32000	3000	....	..	......	....	21000	....	4000	5000	.....
Nov. “	......	190000	100000	18000	79800	...	91500	2622000	645000	.....	92000	85000	.....	....	....	.....	....	25500	....	....	....	.....
Dec. “	......	300000	150000	......	....	...	40500	1101000	1117000	7000	59700	379500	1400	..	....	....	300	.....	....	...	..	40000
January, 1897	......	....	....	.....	....	...	166500	65000	4000	800	89500	218000	5500	...	....	....	....	62000	....	..	...	......
Feb. “	......	....	....	.....	500000	...	295500	1344000	301000	.....	16000	351300	......	...	...	11300	...	25000	.	...	....	......
March, “	......	....	....	......	800000	.	143700	981000	465000	.....	53500	500000	3800	...	..	3500	....	48000	....	...	....	......
	64534800	16191250	13127900	282400	8746700	...	4201500	9217800	2683000	20300	133300	3190600	33000	....	....	40000	900	344700	5000	4000	5000	40000

TABLE NO. 4.—STATEMENT OF THE AMOUNT OF FIREWOOD RECEIVED BY RIVER AT ST. LOUIS, AND THE AMOUNT OF WHARFAGE CHARGED THEREON, DURING THE FISCAL YEAR 1896-1897.

	NORTHERN DISTRICT.				SOUTHERN DISTRICT.			
	1, Wharfage 5c. per Cord.		2, Wharfage 2½c. per Cord.		1, Wharfage 5c. per Cord.		2, Wharfage 2½c. per Cord.	
	Cords.	Wharfage.	Cords.	Wharfage.	Cords.	Wharfage.	Cords.	Wharfage.
April, 1896	425	$21 25						
May	290	14 50			225	$11 25		
June								
July								
August					175	8 75	125	$3 12
September	190	9 50						
October					67	3 35		
November								
December							625	15 62
January, 1897							391	9 77
February								
March	400	20 00			22	1 10	91	2 27
Total	1305	$65 25			489	$24 45	1232	$30 78

RECAPITULATION.

DISTRICT.	Total Wood Received.	Total Wharfage Charged.
Northern District	1305	$65 25
Southern District	489	55 23
Grand Total	1794	$120 48

TABLE NO. 5. — STATEMENT OF WHARF PRIVILEGES GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCES AND YIELDING REVENUE TO THE CITY OF ST. LOUIS AND IN FORCE AT THE END OF THE FISCAL YEAR 1896-1897.

Ordinance.	Lessee.	Location.	Lease.		Rate per Annum.	Remarks.
			Begins.	Expires.		
11204	Iron Mountain Elevator Co.	A portion of wharf bet. Lombard st. and Chouteau av.	Jan. 1, 1880	Jan. 1, 1905	$600 00	Occupied by elevator bins.
11390	Wabash, St. Louis & Pacific R. R. Co.	A portion of wharf bet. Ashley and Dickson sts.	July 1, 1880	July 1, 1904	1,200 00	For maintaining railway tracks.
11401	St. Louis Cotton Compress Co.	A portion of wharf south of Rutger st.	July 3, 1880	July 3, 1905	1 00	For landing, storing and handling cotton.
12024	Central Elevator Co.	A portion of wharf in front of city blocks 855, 856 & 857.	Jan. 1, 1890	Jan. 1, 1905	200 00	For maintaining railway tracks.
12480	Schulenburg & Boeckeler Lumber Co.	A portion of wharf in front of city block 268 east.	April 16, 1883	April 16, 1903	500 00	For operating a saw-mill.
12744	Edwin Harrison	A portion of wharf in front of city blocks 288, 289, 290	May 6, 1884	May 6, 1914	750 00	For operating railway tracks and incline.
12795	St. Louis Sectional Dock Co.	A portion of wharf at the foot of Lesperance st.	April 15, 1884	Jan. 1, 1899	2,000 00	For docking purposes.
13037	St. Louis Grain Elevator Co.	A portion of wharf at the foot of Ashley st.	Jan. 7, 1885	Jan. 7, 1900	300 00	For derricks and elevators.
13062	Merchants Grain Elevator Co.	A portion of wharf south of Florida st.	Jan. 1, 1885	Jan. 1, 1905	750 00	For grain elevator.
13643	Chandler & Smith	A portion of wharf south of Rutger st.	March 1, 1886	March 1, 1901	450 00	$300.00 first 5 years, $450.00 next 5 years and $600.00 remaining 5 years, warehouse for mdse.
13694	Merchants Elevator Co.	A portion of wharf south of Florida st.	July 1, 1886	July 1, 1906	50 00	For maintaining shipping bins.
14098	Central Elevator Co.	A portion of wharf bet. Lombard st. and Chouteau av.	April 1, 1887	Jan. 1, 1905	600 00	For build'gs for storing & han'ling grain.
14843	Wiggins Ferry Co.	A portion of wharf bet. Mound st. and the south line of Brazeau tract	March 18, 1889	March 18, 1899	2,000 00	For operating railway tracks and incline.
15716	Farmers Elevator Co.	A portion of wharf in front of city block 291 east.	Jan. 1, 1891	....	600 00	For shipping bins, subject to repeal by ordinance.
15817	St. Louis Transfer Ry. Co.	A portion of wharf near Rutger st.	Sept. 3, 1890	Sept. 3, 1900	200 00	For grain warehouse.
16161	Justin E. Joy	A portion of wharf at the foot of Dock st.	April 9, 1891	April 9, 1906	1,200 00	$600.00 first 5 years, $1200.00 next 5 years, $1800.00 remaining 5 years, for handling lumber.
17022	A. C. Wurst	A portion of wharf south of Barton st.	Oct. 15, 1892	Oct. 15, 1897	100 00	For office and platform scale.
17034	Wiggins Ferry Co.	A portion of wharf from the head of Miller st. incline track southward to a point 300 feet south of the south line of Carroll st.	July 1, 1892	July 1, 1902	1,500 00	For constr'ing & maintaining Ry. tracks.
17122	Donk Bros. & Co.	A portion of wharf bet. Lesperance st. & Lafayette av.	July 1, 1892	July 1, 1902	1,200 00	For office scale, coal shed & side R'y.t'ks.
17208	Central Rowing Club.	A portion of wharf at the foot of Palm st.	June 29, 1893	June 29, 1903	60 00	For Club house.
17334	St. Louis Rowing Club	A portion of wharf at the foot of Chouteau av.	Dec. 22, 1893	Dec. 22, 1903	60 00	For Club house.
17753	Wiggins Ferry Co.	A portion of wharf south of Lesperance st.	July 1, 1894	June 30, 1904	3,000 00	For maintaining railway tracks.
17798	St. Louis, Iron Mt. & S. R. R. Co.	A portion of wharf bet. Carroll st. and Lafayette av.	Jan. 1, 1895	Jan. 1, 1900	2,000 00	For maintaining railway tracks.
17818	Peper Cotton Press	A portion of wharf bet. Rutger and Convent sts.	July 1, 1895	July 1, 1900	500 00	For platf'ms for handl'g & stor'g cotton.
17819	Wiggins Ferry Co.	A portion of wharf bet. Park av. and Miller st.	Feb. 25, 1895	Feb. 24, 1905	450 00	For railway tracks, offices, tanks & sheds.
17820	Wiggins Ferry Co.	A portion of wharf bet. Clinton and N. Market sts.	Aug. 6, 1894	Aug. 6, 1899	1,500 00	For laying, maintaining and operating railway tracks.
17821	Wiggins Ferry Co.	A portion of wharf bet. Convent and Lasalle sts.	July 1, 1894	June 30, 1904	240 00	For maintaining railway tracks.
17822	Wiggins Ferry Co.	A portion of wharf bet. Chouteau av. and Rutger st.	Feb. 25, 1895	Feb. 24, 1900	1,800 00	For railway tracks and freight houses.
17922	St. Louis Cotton Compress Co.	A portion of wharf bet. Carroll and Rutger sts.	Jan. 1, 1895	Jan. 1, 1900	2,150 00	For platf'ms for handl'g & stor'g cotton.
18980	St. Louis Wooden Ware W'ks	A portion of wharf bet. Louisa and St. George sts.	Jan. 1, 1894	Jan. 1, 1899	750 00	For handling and storing logs.
18044	Wiggins Ferry Co.	A portion of wharf bet. Sidney and Barton sts.	April 4, 1895	April 4, 1905	240 00	For operating & maintaining Ry. tracks.
18045	Wiggins Ferry Co.	A portion of wharf bet. Anna and Sidney sts.	April 4, 1895	April 4, 1900	40 00	For operating & maintaining Ry. tracks.
18575	Missouri Yacht Club.	Water Works Reservation (old)	July 9, 1896	July 9, 1906	50 00	For the erection of a boat shed (Club house.)
18958	Huse & Loomis Ice & Transportation Co.	A portion of wharf in front of city block 223	Jan. 1, 1897	Jan. 1, 1902	400 00	For erecting and maintaining buildings for manufac'g, storing & handling ice.
19028	Charles Gaertner	A portion of wharf bet. St. Louis av. and Montgomery st. in front of city block 669 E.	April 1, 1897	April 1, 1902	400 00	For storing and handling lumber.

TABLE NO. 6.

STATEMENT OF WHARF PRIVILEGES GRANTED UNDER GENERAL ORDINANCE (SECTION 240, ARTICLE 4, CHAPTER 13, REVISED ORDINANCE, 1892), AND YIELDING REVENUE TO THE CITY OF ST. LOUIS AND IN FORCE AT THE END OF THE FISCAL YEAR 1896-1897, SUBJECT TO CANCELLATION AT THE OPTION OF THE HARBOR AND WHARF COMMISSIONER.

LESSEE.	LOCATION.	PURPOSE.	Rate per Month.
Am. Hardwood Lum. Co.	Part of City Block 2144	Lumber.	$77 00
M. J. Heller Lum. Co	Part of City Blocks 2143, 2144	“	7 65
J. H. Meier	Part of City Block 2143	“	19 80
Druhe Hardw. Lum. Co	Part of City Block 2142	“	99 40
Druhe Hardw. Lum. Co	Part of City Block 2142	“	6 60
H. Gaus & Sons Mfg. Co	Bet. N. Market and Warren sts	“	61 51
Justin E. Joy	Bet. Branch and Palm sts	“	7 00
Justin E. Joy	Bet. Branch and Palm sts	“	26 35
Justin E. Joy	Bet. Palm and Wright sts	“	54 25
Justin E. Joy	Bet. Palm and Branch sts	“	26 55
Eau-Claire St. L. Lum. Co.	South of Barton st	“	50 00
Charles Gaertner	Bet. Montgomery and Warren sts	“	21 98
F. H. Smith & Co	Part of City Block 2143	“	50 00
J. P. Heinrich	Foot of Convent st	Railway track.	25 00
A. McDonald	Bet. Miller and Barry st	“	10 50
Wiggins Ferry Co	Part of Block 2142	“	10 00
St. Louis Trans. Ry. Co	Bet. Clinton and Chambers sts	“	30 00
Wiggins Ferry Co	Bet. Barton and Lesperance sts.	“	25 00
Joseph Yoch	Foot of Louisa st	“	25 00
Wiggins Ferry Co	Part of City Block 2142	“	40 00
Am. Refrig. Trans. Co	Bet. Cedar and Gratiot sts	Ice conveyor.	25 00
St. Louis Gas Light Co	South of Rutger st	Mooring a barge.	28 67
The Grafton Quarry Co	Foot of Poplar st	Mooring a derrick boat.	25 00
New Missouri Sand Co	Foot of Anna st	Sand landing.	25 00
New Missouri Sand Co	Foot of Madison st	“	25 00
New St. Louis Sand Co	Foot of Cedar st	“	25 00
New St. Louis Sand Co	South of N. Market st	“	25 00
Eagle Sand Co	Foot of Plum st	“	25 00
Eagle Sand Co	Bet. Plum and Cedar sts	“	25 00
Griffith S'd & Gravel Co	Foot of Carr st.	“	25 00
The Union Sand Co	Foot of Victor st	“	25 00
St. Louis Trans. Ry. Co	Bet. O'Fallon and Smith sts	Handling and storing merchandise.	32 13
Wiggins Ferry Co	Foot of Rutger st	“	45 00
J. C. Muren Coal & Ice Co.	Foot of St. George st	“	4 00

TABLE NO. 7.—STATEMENT OF WHARF PRIVILEGES GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCES, YIELDING NO REVENUE TO THE CITY OF ST. LOUIS, IN FORCE AT THE END OF THE FISCAL YEAR 1896-1897.

Ordinance.	Date.	Lessee.	Location.	Remarks.
10097	July 13, 1876	St. Louis Wooden Ware Wks.	Across the levee south of Anna street	Laying and maintaining a tramway.
10822 11054 11476	June 30, 1880	St. Louis, Iron Mountain and Southern R. R. Co	Front street from Barry to Exchange Sqr.	For operating and maintaining railway track.
12054	May 27, 1882	McPheeters Warehouse Co.	Between Carr and Biddle streets	For constructing and maintaining two railway tracks.
13354	Aug. 1, 1885	Union Warehouse Co.	Mullanphy street	For maintaining connecting track.
13063	Dec. 20, 1884	Merchants' Elevator Co	Bet. Mullanphy and Dickson streets	For constructing, maintaining and operating double railway tracks.
13353	Aug. 1, 1885	Merchants' Elevator Co	Near Smith street	For constructing and maintaining a branch railway track.

TABLE NO. 8.—STATEMENT OF FERRY PRIVILEGES GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCE OR MAYOR'S PERMIT, YIELDING REVENUE TO THE CITY OF ST. LOUIS, AND IN FORCE AT THE END OF THE FISCAL YEAR 1896-1897.

Ordinance.	Date.	Ferry Company.	Landing.	Rate per Annum.	Remarks.
10414	Nov. 19, 1877	Madison County Ferry Co.	North Market street	$ 600 00	
11015	Sept. 17, 1878	Wiggins Ferry Co	Carr and Valentine streets	5000 00	
11239	June 15, 1880	Waterloo-Carondelet Turnpike and Ferry Co.	Davis street	200 00	
14986	Mar. 30, 1889	St. Claire Ferry & Transfer Co.	Sidney street	150 00	
....	April 8, 1897	Wiggins Ferry Co	North Market street	600 00	Mayor's Permit (pending ordinance).

TABLE NO. 9.—STATEMENT OF DAILY GAUGE READINGS OF THE MISSISSIPPI RIVER AT ST. LOUIS, MO, DURING FISCAL YEAR 1896-1897.

1896. Month.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
April.	8.70	7.50	7.00	6.70	6.45	6.10	6.00	**5.75**	5.90	6.15	10.60	12.60	**13.20**	13.00	12.60	12.25	11.90	11.60	11.00	10.45	10.20	9.95	9.70	9.50	9.40	9.60	10.20	10.90	11.70	12.80	.....
May.	**13.60**	13 90	14 00	14.00	14.10	14.00	14.00	14.20	14.40	14.37	15.30	15.10	14.60	14.55	14 15	14.00	14.00	14.05	16.40	20.80	24 00	24.90	25.60	26.55	27.20	**27.70**	27.20	27.70	27.00	26.50	25.15
June.	24.30	24.00	24 35	24.50	24.80	**25.00**	24.80	24.20	24.30	24.00	23.60	23.00	22 00	20.30	18.75	17.70	17.60	18.70	18.20	19.20	19.10	18.50	18.00	17.45	17.20	**17.00**	17.10	17.55	17.90	17.40	.....
July.	17.50	18.00	18.10	18.30	18.70	18.60	18.00	17.80	18.20	18.60	17.80	16.75	15.70	15.25	14 50	13.80	**13.70**	13.80	13.80	14.30	16.09	20.80	**21.80**	21.50	20.30	19.00	18.10	17.10	16.30	15.70	14 70
August	15.15	14.90	15 10	15.50	15.70	**15.75**	15.70	15.65	15.25	14.55	13.85	13.40	13.20	12.60	11.90	11.55	11.00	10.70	10.50	11.20	12.10	12 80	13.40	13.20	12.55	12.30	11.95	11.15	10.40	10.00	**9.45**
Sept.	8 90	8.45	8 00	7.65	7.40	7.00	6.70	6.35	6.15	5.95	5.70	5.60	**5.50**	5.55	5.90	6.10	6.15	6.30	6.70	7.70	8.70	9.70	**10.50**	10.40	9.90	9.50	8.65	8.85	8.50	8.00	.....
Oct.	**7.50**	7.10	6 80	6.60	6.40	6.40	6.20	6.10	6.00	5 90	5.85	5.90	6.00	6.00	6.15	6.50	6.40	6.10	5.80	5.60	5.45	5.30	5.15	5.10	4.95	4.80	4.65	4 50	4.45	**4.40**	4.40
Nov.	**4.40**	4.50	5.00	6.20	7.20	8.50	**9.30**	9.20	8.40	7.85	7.50	7.30	7.00	6.75	6.60	6.60	6.60	6.75	6.80	6.80	6.85	6.70	6.50	6.30	6.25	6.15	6.10	6 00	5.80	5.65	.....
Dec.	5.60	5.50	5.70	6.10	5.90	5.30	4.70	4.50	4 25	3.95	**3.80**	3.85	4.10	4.50	5.00	5.50	6.10	6.80	7.50	7.70	**7.80**	7.70	7.50	7.40	7.40	7.30	6.90	6.60	6.45	6.45	6.40
1897.																															
Jan.	6.40	6.30	6.90	20.00	24.00	24.40	**24.75**	23.80	21.20	18.00	15.60	13.20	11.80	10.90	10.40	10.00	9.95	10.20	10.20	13.70	14.40	14.50	14.50	14.00	13.60	11.90	10.80	9.45	8.30	6.50	**5.60**
Feb.	5.00	**4.80**	5 10	5.80	6.50	7.00	7.30	7.90	8.50	9.70	10.80	11.10	10.90	12.30	12.30	13.10	13.15	12.90	12.50	12 30	12.20	13.20	14.80	15.30	**15.40**	15.10	14.60	13.60	......	.....	......
March.	12.70	**12.30**	12 50	12.90	15.00	20.50	21.90	21.70	21.00	20.40	19.30	18.80	18 15	18.10	17.40	16.90	16.70	16.90	16.90	17.25	18.00	18.75	19.40	20.20	20.20	21.30	22.80	23.25	**23.30**	23.00	23.00

Heavy dark figures represent the highest and lowest gauge in the respective months.

ANNUAL REPORT

OF THE

Secretary of the Board of Public Improvements.

For the Fiscal Year ending April 12, 1897.

St. Louis, April 13, 1897.

To the Board of Public Improvements:

Gentlemen — I have the honor to submit the following report for the fiscal year ending April 12, 1897:—

MEETINGS.

There were during the year fifty-one regular meetings, fifty adjourned meetings, five called meetings, and one special meeting.

Total	107

PETITIONS.

There were received by the Board three hundred and fifty-eight petitions. Of these, there were referred:—

To the Street Department	268
To the Water Department	80
To the Sewer Department	10

The Board considered in open meetings, after two weeks' public notice, as required by Charter, one hundred and eighty petitions for opening, improving and reconstructing streets and alleys.

The Board considered of its own motion in open meetings, after two weeks' public notice, the matter of opening, improving and reconstructing one hundred and twenty-nine streets and alleys.

MISCELLANEOUS.

Three hundred and sixty-five communications of miscellaneous nature were received and considered by the Board, of which seventeen were from the Board of Health, recommending various matters as sanitary measures.

Twenty-five plats of subdivisions of property were submitted for approval of the Board, twenty-two of which the president was directed to indorse as in conformity with the general plan of the city.

Fourteen hundred and seventy-seven applications for permission to erect telegraph or telephone poles, or poles for electric wires; to construct underground conduits for electric wires; to construct areaways, vaults, sidewalks, etc., to take up granite, wood or asphalt pavement, and to grade and pave at private expense; in response to which, thirteen hundred and sixty-eight permits were granted.

The number of ordinances recommended to the Municipal Assembly was three hundred and eighty-five.

The number of lettings advertised was four hundred and forty, and the number of contracts awarded was three hundred and thirty-four, involving an estimated expenditure of $2,025,286.69.

Very respectfully,

EMORY S. FOSTER,

Secretary.

ANNUAL REPORT

OF THE

MILK INSPECTOR, CITY OF ST. LOUIS, MO.

For the Fiscal Year 1896–97.

To the Hon. Henry Ziegenhein, Mayor of the City of St. Louis:

SIR — I have the honor to submit herewith the annual report of the Milk Inspection Department of the City of St. Louis: —

AMOUNT OF ANNUAL APPROPRIATION.

For salaries	$2,500 00
For expenses	450 00

ADDITIONAL APPROPRIATION.

For expenses	$100 00
	$3,050 00

EXPENDITURE.

For salaries	$2,499 96
For expenses	544 69
Balance	5 35
	$3,050 00

Number of analyses made	448
Adulterations found (water, 44; coloring, 19)	63

A constant supervision of our sources of supply is by far the most important feature of the problem of milk supply in cities. In municipal governments there are sanitary rules and ordinances to which all individuals must conform for the common good. In the matter of the production of milk (which, in this country, is usually consumed in the raw state) it is reasonable that additional precautions should be taken beyond those immediately concerned in the prevention of nuisances.

The fact that cow's milk constitutes so large and important element of food, and especially of the young, the public is justified in demanding sufficient safe guards to insure a good and wholesome supply. It is, however, flagrantly unjust to lay burdens of sanitary inspection exclusively upon our local dairymen and at the same time admit an unlimited and unrestricted supply from outside the city limits. The sanitary requirements for out-of-town dairies should be fully as exacting as those demanded at home, and it is to be regretted that the Dairy Inspection Law passed by the last session of the Municipal Assembly did not include such provisions.

The most cordial relations at present exist between this department and the Board of Live Stock Commissioners of the State of Illinois, from which State the greatest portion of milk consumed in St. Louis is derived. This Board fully realizes the benefit that must result from such a system and is heartily in favor of it. They are willing and desirous of applying the tuberculin test wherever it may be recommended or requested by our inspectors. A more favorable opportunity for a satisfactory solution of this very complicated problem could not be presented. A restrictive inspection of foreign dairies would compel improved sanitary conditions at home as a matter of protection and self-preservation. Unfortunately my one assistant cannot inspect all the dairies of St. Louis (numbering about 450) and those of the southern portion of the State of Illinois as well; neither are the necessary funds available. I have drawn the attention of the Health Commissioner to the situation in hopes that the superior force of the Health Department might take the matter up and effectually dispose of it.

The department has co-operated with the State Board of Agriculture and the City Health Department in an endeavor to apply the tuberculin test to the cows in the numerous city dairies. Being unfamiliar with its use, and apprehensive of its effect, immediate or prospective, the local dairymen made no objection to physical examination, but were unwilling to permit their cows to be injected with tuberculin. As the State law makes no provision for remunerating owners of condemned animals, except in cases of glanders in horses, the dairymen opposed any attempt at its enforcement as an unconstitutional invasion of their private rights, and mildly suggested to the State Veterinarian that if the City of St. Louis wished to experiment, they were at liberty to do so — *on their own cows.*

The test was then applied to the herd belonging to the city and kept at the Poor House Farm, the work being conducted by State Veterinarian Dr. T. E. White; Dr. Chas. Ellis, Dairy Veterinarian to the Health Department; and the Milk Inspector.

Of thirty animals examined, twenty-two showed a reaction of 2 degrees F. or over after injection; two showed reactions of 1.7 degree F.; two cows showed a temperature of 106 degrees F. before injection, the test being inoperative in their case; four cows gave no diagnostic reaction. The following day two of the herd were killed. Autopsies showed both animals to be tuberculous. The lesions were found in the lungs, mediastinal lymphatics, mesenteric (and pubic ganglia in one case), and in the walls of the small intestine in both. The livers, kidneys and spleens were free from any visible tubercular lesions. Several autopsies have been performed upon others of the herd which have since died from natural causes. Tuberculosis was present in every instance. The mesenteric lymphatics of a three-months-old calf of one of the herd were found enormously enlarged although no distinct tubercular lesions were discovered in the viscera. It is probable that this enlargement was the result of tuberculosis, and that the disease was communicated through the milk of the mother.

The power of this department can only restrict the sale of the products of unhealthy animals; it has no power to condemn or destroy such products. I immediately informed the management of the Poor House of the danger accompanying the use of milk from infected animals and gave instructions that the milk, if used at all, should be thoroughly boiled. This injunction has been carried out; the milk is still in daily use. There is great uncertainty as to who has the power to condemn the herd, or if such power is vested in anyone. The power of quarantine resting in the State Veterinarian is theoretical rather than practical, and in this instance only prevented the sale of the animals and ordered their confinement in their stalls.

The present system of pensioning old and incompetent cows cannot be supported on either rational or economic grounds, and the practice should be discontinued as a useless extravagance. I would strongly recommend that the entire herd be destroyed, and all buildings used in connection with the Poor House dairy be burned; that entirely new buildings, constructed upon modern sanitary principles, be erected in their place and cows purchased under a guarantee of freedom from tuberculosis, sufficient in number to furnish the entire supply of the various city institutions. This would at once insure quality as regards natural constituents and protection from a diseased supply. In order to maintain an entire freedom from tuberculosis, all the animals should be tested with tuberculin at intervals, not longer than twelve months, and all affected animals removed from the herd and their stalls thoroughly disinfected.

During the year I have had occasion to condemn the quality of milk furnished to the City Hospital, which had been copiously diluted with water; the root of this evil lays in the present system of contract supply. Contracts are let annually for a period of one year and the city ordinances provide that all contracts shall be let to the lowest bidder. However commendable this provision may be in principle, it has serious disadvantages when applied to a commodity which so readily invites adulteration and fraud. The facts connected with this matter were thoroughly ventilated in the daily papers at the time; there has been very little complaint of the quality since then.

Chemical analysis can neither prove nor disprove the healthfulness of milk nor the condition of the animals from which obtained. Microscopical examination may in exceptional cases detect the presence of tubercle bacilli. Failure to find them in the small quantity usually examined is no assurance that they do not exist in considerable numbers in the milk from which the sample under examination was taken. These organisms measure about 1-3000 of an inch in length and are about 1-10 as broad. While they are readily stained with suitable reagents, their spores cannot be detected with the microscope. These spores being much more resistant to the action of all known germicides and coloring reagents than the parent organisms, the uselessness of a negative microscopical examination is evident.

There has been some discussion regarding the contamination of the milk of a large herd by addition of the product of a single tuberculous cow. Some competent authorities claiming that mixture with so large a quantity of healthy milk will either destroy the bacilli or so disseminate them, that they are not sufficiently numerous to be dangerous. I fail to grasp the force of such argument. Unity must of necessity precede plurality and there is no reason why a single bacillus or a single spore falling upon suitable soil and surrounded by favorable conditions should not become the starting-point of the most dreaded of all diseases. Particularly susceptible to this danger are young children living in the densely crowded and unsanitary tenements of large cities.

Opinions among pathologists differ as to the infectiveness of milk of tuberculous cows whose udders are not involved in the disease. Positive and negative results have been reported by competent experimenters on both sides of the question. My own experiments have unavoidably been confined to microscopical examination, the results have so far been negative. Infective tubercular lesions of the udder may exist of such insignificant size or of such inaccessible location that their discovery during life would be impossible; such could readily escape ordinary post-mortem examination. On the other hand, all nodules existing in the udder are not necessarily of tubercular origin; both kinds may be present at the same time.

Wherever tuberculosis exists locally, there is not only possibility, but strong probability of the disease becoming generalized and no organ is exempt. There is no assurance that the udder that is free from all lesions to-day will be free from infective lesions next week. All lesions have a beginning and the danger is present as soon as the diagnosis of tuberculosis has been made, no matter how apparently insignificant the lesion may appear. Every tuberculous cow is a perpetual menace to the health of each individual who uses her milk, and to all of her own kind that come in contact with her or occupy the same stall.

It is with much gratification that I have observed a movement on the part of a number of the milk dealers who receive their supply from out of town to adopt the suggestions offered by this department last year, namely, to accept milk from such farmers only as would submit their cattle to the tuberculin test or furnish satisfactory evidence that the herd was entirely free from tuberculosis and the surroundings in good and sanitary condition. The force of example is powerful and were a few of the dealers to adopt such measures they would derive substantial benefit and the local dairymen would soon follow.

I strongly favor the adoption for the City of St. Louis of legislative measures similar to those of Massachusetts whereby all animals brought into the city, except those intended for immediate slaughter, shall be under quarantine until examined by qualified veterinary inspectors and pronounced free from tuberculosis and to be otherwise sound and fitted for dairy purposes. Such a quarantine should be maintained at public expense with free service to purchasers.

During the year I have visited the Milk Inspection Departments of several Eastern cities, and in their various systems report much to commend and indorse. The value of the work there finds more general recognition and more stringent laws exist for the public welfare, supported by liberal appropriations of money together with forces of inspectors sufficient to make the laws operative. The citizens of Boston are most happily circumstanced in this respect by the vigorous and uncompromising enforcement of a State law, whose standard of purity is based upon the ordinary physiological ability of the cow and the rights of the public. I acknowledge courtesies extended by the heads of the Departments of New York, Philadelphia, Washington and Cambridge, Mass.

It is encouraging to mark the awakening of public opinion to consciousness of a relation between the milk supply and certain classes of disease. This interest is not confined to the medical profession but is extending to the public generally. The fact that one single form of tubercular disease, pulmonary consumption, is the cause of over 14 per cent of the entire death rate, and as this disease is seldom if ever congenital although the predisposition to it is hereditary, it is apparent that the *materies morbi* comes uncomfortably close to every member of society. It has been repeatedly proved that this disease is identical in the human and bovine races — and that it may be induced in animals by feeding them with tuberculous human sputa or the uncooked milk or flesh of tuberculous cows. There is no evidence to show that members of the human family are, in this respect, less susceptible than other animals. The maintenance therefore of thoroughly healthy animals as a source of milk supply is a social and economic problem, second in importance to none other connected with public health, it far outranks any financial consideration, arising from the common forms of adulteration.

In various European countries this subject has received that share of legislative attention which its importance demands. The system of milk and meat inspection of the City of Copenhagen is most praiseworthy. The work is conducted by the most skilled veterinarians employed by an association composed of the dairymen themselves. Every cow is rigidly examined at intervals of two weeks not only for tuberculosis but for any abnormal condition. Upon the slightest suspicion of tuberculosis the animal is withdrawn from the herd of milkers until the question of her condition is definitely settled; if shown to be free from tuberculosis the owner is compensated for the value of her milk during the period of detention; if tuberculosis is found, the owner receives no compensation and the animal is destroyed.

In England a few years ago, a commission was appointed by the Crown to inquire into "the Effect of Food Derived from Tuberculous Animals upon Human Health;" their report to the British Parliament is exhaustive and constitutes the most valuable addition to the science of pathology that has been made since the discovery of the bacillus tuberculosis by Robert Koch in 1882, of which discovery it is the most careful elaboration.

A resume of their conclusions and recommendations is herewith submitted: —

"CIRCUMSTANCES DETERMINING DANGER FROM MILK."

"Proceeding to consider the milk of tuberculous animals, our problem about the presence or absence of tuberculous matter becomes simpler. We are not then examining solid structures about which tuberculous matter, when once admitted in the body, has to travel by a slow growth of its bacilli among the solids, or by tardy convection along microscopic lymph channels; but we have to do with a secretory apparatus, giving off quantities of a liquid perfectly adapted for the maintenance of tubercle bacilli, and specially adapted for their transmission to other soils. Dr. Martin's tests are now far more easy of application; moreover, the complications introduced by operations of slaughtering and dressing do not here exist; so that the question of the conditions for any prejudicial effect resulting from the use of milk from tuberculous cows can be determined with correspondingly greater ease and accuracy.

"Dr. Martin made experimental observations on milk taken (with an abundance of care) from 17 cows: from 15 suffering, as he judged — and as was afterwards proved post-mortem — from tuberculous disease; and also on that taken from two other cows which were found, after slaughter, to have no tubercle, but to be suffering under some other complaint.

"He gives the following account of nine cows out of the total 17, and his account is of wider interest than for the experiments under our immediate consideration. 'During the course of the investigation, nine cows with disease of the udder were purchased by the Commission. * * * They were all purchased with the idea that the disease of the udder was tuberculosis, the diagnosis being made by a veterinary surgeon, and on the ground that the cow was tuberculous from the wasting or cough, or was probably tuberculous, and that the udder was diseased, and therefore tuberculous. Of the four cows in which the udder disease proved to be non-tuberculous, two showed tuberculosis of the internal organs, and two showed no tuberculosis anywhere, one of these latter having a sub-diaphragmatic abscess, the other, a thin cow, with the first calf, showing no disease anywhere in the body, except the udder. If reliance be placed therefore on the general condition of the cow, and on the physical examination of the udder, an accurate diagnosis of tubercular disease of the udder is not possible. (159, pp. 41 and 42.)

"The milk yielded by the seventeen cows under observation was found, in the case of some, to have the characters of normal milk, in the case of others to have various abnormal characters. Dr. Martin could not trust, for evidence of the presence or absence of tuberculosis matter in the milk, to any indications obtained from the appearance of the milk or from his chemical examination of the milk.

"Of his fifteen tuberculous cows, eight had their udders in a healthy condition; two (as above recorded) had udder disease, which was proved after slaughter not to be tuberculous; and the remaining five had udder disease, proved post-mortem to be tuberculous in nature.

"Applying to the milk furnished by the seventeen cows the three tests before described as being available for the detection of tuberculous matter, Dr. Martin obtained the following results from his different groups of cows:—

"(a.) The eight tuberculous cows which had healthy udders showed him no tubercle bacilli whatever in the milk of any one of them; forty-one test animals fed with their milk remained perfectly free from tuberculous disease; twenty-eight test animals inoculated with their milk also remained free from tuberculous disease.

"(b.) The two tuberculous cows which had udder disease found post-mortem not to be tuberculous in nature, showed him no tubercle bacilli in their milk; three test animals, fed with their milk, and fourteen other test animals, inoculated with their milk, remained, all of them, perfectly free from tuberculous disease.

"(c.) Of the five tuberculous cows which had udder disease found post-mortem to be of tuberculous nature, three showed him tubercle bacilli, in their milk; he could not find tubercle bacilli in the milk of the other two. *With milk from three cows fifteen test animals were fed with the result of producing tuberculosis in every one of them.* With milk from one or other of the same three cows, thirteen test animals were inoculated, with the result of all thirteen acquiring tuberculous disease. The milk of the fourth cow (one of those which had not shown tubercle bacilli) was used to feed ten test animals, and produced tuberculosis in four of them. Inoculated into six test animals, all of them became tuberculous. The milk of the fifth cow (in which also no tubercle bacilli had been seen) was used to feed two animals, but without result. Yet when it was used to inoculate two other animals, both of them acquired tuberculous disease.

"(d.) It remains to note these tests as applied to the milk of the two cows found after slaughter to be suffering under another disease, but not tubercle. The results were: no tubercle bacilli found in the milk of these cows; inoculated into seventeen test animals, it did not produce tuberculosis in any one of them; milk from one of the cows, however, in some test animals gave rise to various abscesses.

"According to our experience, then, the condition required for insuring to the milk of tuberculous cows the ability to produce tuberculosis in the consumers of their milk, is tuberculosis disease of the cow affecting the udder.* It should be noted that this affection of the udder is not peculiar to tuberculosis in an advanced stage, but may be found also in mild cases."

"Further, with reference to this disease, Dr. Martin writes: —

"'*The milk of cows with tuberculosis of the udder possesses a virulence which can only be described as extraordinary. All the animals inoculated showed tuberculosis in its most rapid form.*' (148, p. 39.)

"Dr. Woodhead, investigating, for his own purposes, the effects of unboiled milk, speaks in similar terms of this virulence of milk derived from tuberculous udders and inoculated into test animals. The two observers had occasion to use milk from a cow that had tuberculosis disease in one quarter only, of the udder, and they found the milk from the other three quarters to be perfectly harmless on inoculation; but the mixed milk taken from the four teats was to all appearance just as virulent as the milk from the diseased quarter. Butter, skimmed milk, buttermilk, obtained from the milk of a cow having tuberculous udder (by the usual processes, but with complete precautions against accidental contamination of articles used in the manufacture) all contained tuberculous matter actively injurious to test animals.

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* We have been told by various observers that animals have become tuberculous after being fed with milk from tuberculous cows having no appreciable disease of their udders; evidently, if this does occur, it can be but seldom.

"And not only this virulence, but the rapidity with which milk can obtain its harmful quality, attracted Dr. Woodhead's attention. He reports:—

"'A most important point is that the spread of tubercle in the udder goes on with most alarming rapidity; this I was able to observe in the cows constantly under observation, but I have also noticed on several occasions during the interval between fortnightly inspections carried on along with a veterinary surgeon, that the disease has become distinctly developed. It may be, of course, that the early evidence has been overlooked at the previous inspection, but whether this is the case or not, the spread of the disease was so rapid as to afford very good ground for alarm. The very absence of any definite sign in the earlier stage is one of the greatest dangers of this condition.' (104, p. 143.)

"And both Dr. Martin and Dr. Woodhead insist that no tuberculosis animal of any kind should be allowed to remain in a dairy.

"The withdrawal from dairies of every cow that had any disease whatever of her udder would form some approach to security against the serious danger incurred by man from the use of tuberculous milk, but it would not be an adequate security. The presence in a dairy of a tuberculous cow, as Drs. Martin and Woodhead have shown, is a decided source of danger to the public, especially having regard to what we have learnt respecting the rapid development of tuberculosis in the udder, and the degree of danger to milk consumers incurred by the invasion of the udder in tuberculous cows.

"It follows from the observations here recorded, that it is of supreme importance to the consumers of milk that the existence of any tuberculous disease of the udder should be ascertained without delay. Now there is no difficulty whatever about recognizing the presence of some abnormal condition in a cow's udder, and the presence of such condition — whatever it be — demands that the judgment of a responsible expert should forthwith be obtained about its nature; unless indeed the owner prefers to slaughter the cow without delay. If the expert finds tubercle bacilli in the milk, the cow has dangerous tuberculosis of the udder. If he does not find them, he may apply the further test of inoculating some susceptible animals with the milk, and thereby learn the nature of the udder disease. By this test he will very rarely be misled. Obviously the cow must be in seclusion, and every particle of her milk must be treated as highly dangerous, during any delay that can be permitted for diagnostic purposes, and until the disease has been proved not to be tuberculosis.

"Passing from meat to investigate the effect of cooking upon milk, Dr. Woodhead found himself dealing with food that lent itself readily to experimental observation, and that could (as we have seen) become, at short notice, very potent for harm to its consumers, a food too, which, while largely used in cookery, is habitually drunk by English people in a raw state.

"His report on cooking tuberculous milk has for its central idea to advocate the boiling of all cows' milk that can by any chance contain tuberculous material.

"The following contains Dr. Woodhead's views on the question; it will be seen that they led him into further inquiries:—

"'The most deadly tubercular material can be rendered absolutely innocuous, so far as any spreading infective disease is concerned, by the action of a temperature at which water boils. We have evidence, see Part XII. and XIII. (milk) that a lower temperature than this is sufficient to bring about the same results when allowed to act for a longer time, but for the present it is sufficient to state that boiling, for an instant even, renders the tubercle bacillus absolutely innocuous.' (77, p. 122.)

"Accordingly, in the quoted sections of his paper, he records experiments with milk containing tuberculous matter, subjected to various temperatures, and afterwards used to feed or to inoculate test-animals of various sorts, but preferably pigs. His object was to discover some method of cooking tuberculous milk that should be safe to consumers, and that should not be liable to objection by them on any score of flavor imparted to the milk by boiling.

"As the outcome of his numerous experiments, Dr. Woodhead tells us that 'sterilization' towards tubercle can be effected by heating the milk in a water-bath, continuing the process until the temperature has risen from 80° C. to 92° C.

(176°F. to 198° F.), a result which in most cases requires, he says, each several quart of milk to be in the water-bath for some half-hour. He has not wholly demonstrated to our satisfaction the innocence of tuberculous milk treated in this manner; he tells us of pigs (Table LXIII.) succumbing to tuberculosis after feeding with tuberculosis milk heated to 80 C. (176 F.), for ten minutes, without giving adequate data about the action or inaction of the milk after longer exposure to this temperature; and his experience of the higher temperature is derived from guinea-pigs only, not from pigs; though, as he has shown, guinea-pigs do not supply such good evidence as pigs about the influence of heat upon tuberculous matter in use as food. We would cite Dr. Woodhead's doctrine:—

"'It cannot be too strongly insisted on that so long as a single animal is affected by tuberculosis on injection of the heated tubercular milk, so long must the milk be held to be dangerous.' (111, p. 146.)

"We understand him to state here that, whatever have been the degree of heat applied, and whatever the duration of the application, however intense the method (injection) of applying the subsequent test, and however delicate the animal towards the test, no matter if a single animal succumb to the milk-test after the heating, that heating has not been such as to make tuberculous milk safe for food. And, in view of the demonstrated dangers of milk from tuberculous udders, and the possibility of such dangers having to be encountered by human children among other animals, we cannot hesitate to assent to Dr. Woodhead's doctrine. For avoiding such danger, we prefer to 'render the tubercle bacillus absolutely innocuous' by 'boiling. for an instant, even,' to the alternative of such 'sterilization' as he would allow. Nor, if we regarded the described method as certain in its efficiency, should we hesitate to prefer to any such 'sterilization' the simple expedient of putting every suspected milk over the fire, and taking it off when it boils.

"In the course of Dr. Woodhead's observations on the degrees of heat wanted to destroy the operation of tuberculous matter in milk, he noted the effects upon the tuberculous material resulting from temperatures insufficient for its actual destruction. He could, by the operation of certain lower temperatures, obtain from the 'most deadly tuberculous material' contained in milk, a weaker sort of tuberculous matter, so tardy in its operation on test animals as to simulate the slower forms of consumption seen in the human subject, or when used to feed pigs — animals having some specialties of throat structure like that of man — gave rise to chronic enlargement of the throat glands, resembling the scrofulous glands so common in children. These observations are of much interest to us, not least because they suggest the possibility of widely prevalent forms of human tuberculosis owning an origin in milk.

"RECAPITULATION.

"To recapitulate the information we have obtained from the witnesses who favored us with their experience, and from the researches of our three inquirers together with our own conclusions:—

"We have obtained ample evidence that food derived from tuberculous animals can produce tuberculosis in healthy animals. The proportion of animals contracting tuberculosis after experimental use of such food, is different in one and another class of animals; both carnivora and herbivora are susceptible, and the proportion is high in pigs. In the absence of direct experiments on human subjects, we infer that man also can acquire tuberculosis by feeding upon materials derived from tuberculous food-animals.

"The actual amount of tuberculous disease among certain classes of food-animals is so large as to afford to man frequent occasions for contracting tuberculous disease through his food. As to the proportion of tuberculosis acquired by man through his food or through other means, we can form no definite opinion, but we think it probable that an appreciable part of the tuberculosis that affects man is obtained through his food.

"The circumstances and conditions with regard to the tuberculosis in the food-animal which lead to the production of tuberculosis in man are, ultimately, the presence of active tuberculosis matter in the food taken from the animal and consumed by the man in a raw or insufficiently cooked state.

"Tuberculous disease is observed most frequently in cattle and in swine. It is found far more frequently in cattle (full grown) than in calves, and with much greater frequency in cows kept in town cow-houses than in cattle bred for the express purpose of slaughter. Tuberculous matter is but seldom found in the meat substance of the carcass, it is principally found in the organs, membranes and glands. There is reason to believe that tuberculous matter when presented in meat sold to the public, is more commonly due to the contamination of the surface of the meat with material derived from other diseased parts, than to disease of the meat itself. The same matter is found in the milk of the cows when the udder has become invaded by tuberculous disease, and seldom or never when the udder is not diseased. *Tuberculous matter in milk is exceptionally active in its operation upon animals fed either with the milk or with dairy produce derived from it. No doubt the largest part of the tuberculosis which man obtains through his food is by means of milk containing tuberculous matter.*

"The recognition of tuberculous disease during the life of an animal is not wholly unattended with difficulty. Happily, however, it can, in most cases, be detected with certainty in the udders of milch cows.

"Provided every part that is the seat of tuberculous matter be avoided and destroyed, and provided care be taken to save from contamination by such matter the actual meat substance of a tuberculous animal, a great deal of meat from animals affected by tuberculosis may be eaten without risk to the consumer.

Ordinary processes of cooking applied to meat which has got contaminated on its surface are probably sufficient to destroy the harmful quality. They would not avail to render wholesome any piece of meat that contained tuberculous matter in its deeper parts. In regard to milk we are aware of the preference by English people for drinking cows' milk raw, a practice attended by danger on account of possible contamination by pathogenic organisms. The boiling of milk, even for a moment, would probably be sufficient to remove the very dangerous quality of tuberculous milk."

In conclusion, I would again call attention to the necessity of a more comprehensive and stringent ordinance for the control of the milk traffic in St. Louis. In order to secure the greatest protection to the public it is indispensable that all dairies and milk venders should be registered and all milk wagons compelled to display the name of the proprietor conspicuously upon both sides. At present there is no means of reporting the number of wagons engaged in the milk traffic in St. Louis, and there are many engaged in the traffic that have no names or distinguishing mark of any kind by which their identity could be established.

The present standard of 12 per cent total solids and 2.8 per cent butter fat for alleged "pure milk" is all that a milk dealer could desire. From the standpoint of the rights of the public, by whose suffrage alone and for whose interest both producers and legislatures exist, such a standard is a travesty and stands a monument to the incompetence or indifference of those who established it.

I would recommend the adoption of a standard of 12.5 per cent total solids and 3.5 per cent butter fat, and 9 per cent non-fatty solids. The last is the most important factor in the standard. Every article of alleged milk in which the non-fatty solids fall below 9 per cent should be condemned as watered. All reference to the percentage of water in standard milk should be omitted, as misleading.

The sale of skim milk should be legalized under a standard of 10.5 per cent total solids and 1.5 per cent butter fat, with reasonable restrictions to prevent its substitution for whole milk. The sale of separator milk should be prohibited. The quality of condensed milk should also be regulated, and the sale prohibited of every such article wherein the proportion of butter fat to non-fatty solids proved to be less than 3.5 per cent parts of butter fat to 9 parts non-fatty milk solids. Coloring matter and preservatives should be prohibited.

Last, but not least, the force of the department should be increased by the addition of two office assistants and three collectors of samples. With a less force, a protective system of milk inspection equal to the needs of the city cannot be successfully carried out.

Respectfully,

HOWARD CARTER, M. D.,
Milk Inspector, City of St. Louis.

ANNUAL REPORT

OF THE

CITY MARSHAL'S OFFICE

For the Fiscal Year ending April 12, 1897.

To the Honorable Henry Ziegenhein, Mayor of the City of St. Louis:

Dear Sir — In accordance with the provisions of the ordinance calling for the same, I have the honor to submit the following report of the business transacted in the Marshal's office for the year ending March 31, 1897:—

FIRST DISTRICT POLICE COURT.

Month.	Cases Disposed of.	Amount Collected.	No. of Prisoners sent to W'hs.
April, 1896	315	$468 25	176
May, 1896	354	595 00	178
June, 1896	356	391 00	223
July, 1896	335	304 00	219
August, 1896	294	236 50	184
September, 1896	296	381 00	150
October, 1896	239	214 00	142
November, 1896	315	293 75	190
December, 1896	378	427 75	235
January, 1897	176	227 50	91
February, 1897	193	234 50	91
March, 1897	228	248 25	131
	3,479	$4,021 50	2010

Sent to House of Refuge, 2.

SECOND DISTRICT POLICE COURT.

Month.	Cases Disposed of.	Amount Collected.	No. of Prisoners sent to W'hs.
April, 1896	705	$277 00	68
May, 1896	687	284 00	67
June, 1896	758	258 00	91
July, 1896	774	187 00	77
August, 1896	828	354 00	132
September, 1896	815	354 00	84
October, 1896	569	165 00	47
November, 1896	600	201 00	71
December, 1896	683	209 00	81
January, 1897	455	141 00	42
February, 1897	383	96 00	53
March, 1897	493	74 00	33
	7,750	$2,600 00	846

Sent to House of Refuge, 6.

DISTRICT SOUTH OF OSCEOLA STREET POLICE COURT.

April, 1896	30	$23 50	3
May, 1896	33	23 50	7
June, 1896	27	15 00	4
July, 1896	31	39 50	8
August, 1896	35	33 50	4
September, 1896	51	40 00	2
October, 1896	32	25 00	4
November, 1896	27	17 00	1
December, 1896	23	35 75	1
January, 1897	16	52 00	..
February, 1897	36	15 00	5
March, 1897	53	65 00	4
	394	$384 75	43

House of Refuge, none.

NUMBER OF SUMMONS SERVED.

First District Police Court	735
Second District Police Court	740
District south of Osceola Police Court	86
Board of Health notices served	17,885
Circuit Court notices served	2,335
Street and Alley notices served	15

DOGS, HOGS, CATTLE, ETC.

Dogs caught	7,242	Horses redeemed	48
Dogs redeemed	576	Horses sold	14
Dogs killed	6,666	Cattle and horses killed	4
Cattle, horses and mules caught.	66		

The amount realized from above sale was insufficient to meet the expenses.

There are 16 deputies in this office.

The appropriation for this office amounted to	$21,100 00
Expended for salaries	20,175 64
Office expenses, board of horse, etc	758 40
Amount appropriated for catching and killing dogs	5,000 00
Fees collected for police relief association	746 50

HENRY REINSTEDLER,
Marshal.

ANNUAL REPORT

OF THE

CITY JAILER,

For the Fiscal Year ending April 12, 1897.

JAILER'S OFFICE,
April 29, 1897.

To the Honorable Henry Ziegenhein, Mayor City of St. Louis:

SIR — I have the honor herewith to submit this, my annual report, for the fiscal year ending April 12, 1897:—

In my last annual report, I suggested the necessity of erecting a storeroom for the purpose of storing mops, brooms, blankets, bed-ticks, etc., but regret to say that nothing has been done in the matter to the present time. I beg leave, therefore, to again mention the urgent necessity of having same in connection with this institution; we have been taxed to our fullest capacity during my incumbency as jailer, and as we are obliged to utilize several cells for the storing of aforementioned articles in the absence of a storeroom. Were we to have same we could use said cells for the prisoners, thus affording us some relief, especially in the present congested condition of the jail.

The roofs of the jailer's residence and the jail kitchen are in very bad condition, and in rainy weather the water leaks through in such quantities as to seriously endanger not only these buildings, but also to ruin the carpets and furnishings of the jailer's residence, and I would respectfully recommend that new roofs be put on these buildings.

I would further suggest that the cells be painted, as the iron work is fast corroding for the lack of paint, it is a matter of fact that in several places it is worn down to a mere shell, where it could be kicked through, thus rendering escape possible. Several grand juries have called attention to it, owing to the disastrous consequences that might ensue therefrom, but as yet their recommendations have gone unheeded.

The daily average number of prisoners was $245\frac{2}{3}$, and the cost of feeding one person, including employees, was 13 cents.

The annexed tables show the number of prisoners committed to the City Jail, the charges upon which they were respectfully committed, the nativity, age, color, sex and occupation of each, the number discharged and the manner of their discharge; also a statement of the receipts and expenditures for the fiscal year, showing that the receipts were eight thousand one hundred and thirty-four and seventy-six one hundredths ($\$8,134\frac{76}{100}$) dollars in excess of the expenditures.

Very respectfully,
LOUIS WAGNER,
Jailer.

COMMITMENTS.

Abandoning wife	12	Fraudulent voting	8
Abortion	1	Fugitive from justice	3
Arson	2	Largeny, grand	376
Assault and battery	80	Larceny, petit	982
" to kill	357	Lewd and lascivious cohabitation	2
" " do great bodily harm	8		
" " ravish	13	Malicious destruction of property	1
Attempt to bribe	1	Manslaughter	5
Bigamy	6	Mayhem	3
Burglary, 1st degree and larceny	28	Murder, 1st degree	26
" 2d " "	419	" 2d "	27
" 2d "	13	Perjury	4
Carnal knowledge of females under 18	7	Prize-fighting	1
		Opening letter	1
Contempt of court	25	Rape	15
Disposing and concealing mortgaged property	10	Receiving stolen property	10
		Robbery, 1st degree	187
Disturbing the peace	8	Safe-keeping	169
Embezzlement	33	Seduction	4
Enticing female under 18	5	Sodomy	3
Exposing person	1	Selling liquor without license	1
False pretenses	14	Vagrancy	4
Felonious wounding	1	Violating city ordinance	18
Forgery	32		
Fraud	9		2,934

SUMMARY.

Committed by sheriff, City of St. Louis	2,778
" " other sheriffs	11
" " U. S. marshal	145
	2,934

NATIVITY.

Austria	5	Ireland	90
Brazil	1	Italy	18
Canada	15	New Foundland	1
China	1	Nova Scotia	1
Central America	1	Russia	17
Denmark	1	Scotland	5
England	33	Sweden	1
East India	2	Switzerland	3
France	5	United States	2,602
Germany	129	Wales	1
Greece	2		
			2,934

AGES.

Between 10 and 20 years	840	Between 50 and 60 years	85
Between 20 and 30 years	1,323	Between 60 and 70 years	16
Between 30 and 40 years	509	Between 70 and 80 years	3
Between 40 and 50 years	158		
			2,934

COLOR AND SEX.

White males	1,933	Colored females	176
Colored males	758		
White females	67		2,934

SOCIAL CONDITION.

Single	2,259
Married	675
	2,934

TRADES AND OCCUPATIONS.

Actor	1	Farmer	71	Physician	3
Agent	13	Furniture dealer	2	Photographer	4
Artist	1	Fireman	18	Plasterer	10
Baker	11	Fisherman	7	Plumber	31
Barber	27	Glassblower	1	Policeman	1
Bartender	51	Grocer	4	Porter	107
Blacksmith	13	Hackdriver	6	Printer	31
Boilermaker	13	Hotelkeeper	1	Reporter	2
Bookkeeper	13	Harnessmaker	2	Railroadman	28
Bootblack	15	Hodcarrier	10	Real estate agent	3
Bricklayer	26	Horseshoer	23	Riverman	95
Box-maker	4	Hostler	36	Roofer	8
Brushmaker	2	Housekeeper	50	Race Track	22
Broommaker	4	Ironworker	32	Sailor	1
Butcher	23	Jeweler	2	Servant	227
Cabinet-maker	5	Jockey	5	Salesman	48
Carpet-fitter	1	Laborer	738	Soap-maker	1
Candy-maker	5	Lather	2	Slater	6
Carpenter	39	Laundryman	4	Shoemaker	63
Carriage-maker	2	Livery	1	Steamfitter	15
Carriage trimmer	3	Locksmith	2	Stenographer	6
Cigar-maker	3	Lawyer	3	Stonecutter	9
Clerk	69	Machinist	22	Stonemason	10
Coachman	5	Marble cutter	9	Stovemounter	5
Collector	9	Messenger	12	Teamster	232
Conductor	1	Medical student	1	Tailor	13
Confectioner	1	Minister	1	Telegraph Operator	4
Contractor	2	Merchant	26	Teacher	4
Chairmaker	3	Miller	7	Tinner	19
Cook	36	Miner	4	Tobacconist	10
Cooper	13	Molder	36	Upholsterer	9
Circus-man	4	Musician	4	Wagonmaker	1
Dairyman	1	None	102	Waiter	40
Druggist	5	News Agent	20	Whitener	5
Engineer	13	Painter	62	Watchman	4
Electrician	15	Paper Hanger	15		
Expressman	4	Peddler	58		2,934

DISPOSITION OF PRISONERS.

Bond	725	House of Refuge	39
City Hospital	30	Ignored bills	59
Died	3	Insane Asylum	3
Discharged	946	Pardoned by Governor	2
Escaped	1	Penitentiary	274
" sheriff	1	Reform School	50
Executed	1	Term expired	45
Fine stayed	18	Work House	745
Holdover	2		
			2,945

EXPENDITURES.

Salaries	$12,869 96
Bread	2,991 67
Meat and fish	4,696 06
Groceries and provisions	1,818 10
Vegetables	392 40
Milk	240 03
Ice	303 22
Fuel	78 10
Drugs, medicines, etc	704 87
Dry goods, clothing and bedding	451 65
House furnishing goods	380 30
Kitchen utensils and repairs of same	212 96

Office expenses, printing and stationery	$92 20
Hose and couplings	30 00
Hardware and tools	4 25
Miscellaneous	64 50
Repairs of jail and jailer's residence	983 76
Unpaid bills end of fiscal year	355 86
	$26,669 89

RECEIPTS.

From Court of Criminal Correction	$952 50
" Circuit Court	1,756 75
" United States Government	1,366 00
" Transient prisoners	98 00
Total paid into City Treasury	$4,173 25
Amount due from Criminal Court	27,465 50
Estimated amount due from Court of Criminal Correction	1,904 00

BILLS GIVEN COMPTROLLER FOR COLLECTION.

United States Government	$548 40
Reynolds County	124 00
Laclede County	14 50
Crawford County	78 00
Phelps County	34 00
Franklin County	384 00
Mississippi County	79 00
Total receipts	$34,804 65
Receipts	34,804 65
Expenditures	26,669 89
Excess of receipts over expenditures	$8,134 76
Appropriations	$27,580 00
Expenditures	26,669 89
Balance reverting to general revenue	$910 11
Daily average number of prisoners during year	245⅔
Daily average cost of boarding prisoners and employees	13

ANNUAL REPORT

OF THE

Commissioners of Charitable Institutions,

For the Fiscal Year ending April 12, 1897.

Hon. Henry Ziegenhein, Mayor of the City of St. Louis:

SIR — Pursuant to the provisions of the Charter and the ordinances creating and defining the duties and obligations imposed upon the Commissioners on Charitable Institutions, we beg to submit the following report: —

The various penal and charitable institutions supported wholly or in part by the city have been visited monthly by the members of this Board.

CITY HOSPITAL, FEMALE HOSPITAL, INSANE ASYLUM AND POOR HOUSE.

Since the submission of our last report, a commission has been appointed for the purpose of devising a plan "for the construction or reconstruction and general location, distribution and management of the hospitals belonging to the city for the purpose of producing a complete, harmonious system for said institutions, and designate the direction of needed expenditures in construction or remodeling of buildings." In view of the foregoing duties imposed upon this commission, it seems unnecessary for this Board to submit any suggestions in reference to changes relating to the City Hospital, Female Hospital, Poor House and Insane Asylum, the problems of which have been intrusted to this commission. The management of these institutions during the past year has been conscientious and efficient in so far as the respective superintendents are concerned, and what deficiencies exist are attributable rather to the lack of facilities and accommodations in the buildings themselves than to any neglect on the part of those to whom the care of the inmates have been intrusted. We cannot refrain, however, from censuring the act of official neglect and disregard of public duty which permitted the acceptance of the new lying-in ward of the Female Hospital in a condition utterly unfitted for the purpose for which it was intended and which will necessitate the additional expenditure of a considerable sum of money to be borne, not by the contractor at fault, but by the tax-payers of the city.

WORKHOUSE.

As stated in our last report in some detail the capacity of the Workhouse is grossly inadequate to the present needs of the city, and the accommodations for the prisoners are characteristic of a barbaric age rather than the civilization of to-day. Of all the city institutions the Workhouse in conspicuously the worst. Attention has been called to the condition of this institution repeatedly by this Board, the press, and grand juries yet no steps have been taken by the Municipal Assembly to remedy this existing evil. We most earnestly hope that some means will be devised by the city during the coming year whereby it will be possible to remove as many of the present buildings as possible and erect larger and more suitable buildings in their stead. As far as this Board has been able to determine the present management has been satisfactory with a few exceptions, which have been corrected on request.

THE JAIL.

The abuses complained of in our last report as existing at the jail — such as the sale by employees of tobacco, pies, candles, etc., and the acceptance of fees by the guards from the prisoners for privileges — and which this Board attempted to remedy by requesting their abolition, have again crept in with the sanction of the jailer, and it will be necessary to resort to more stringent measures to effectually check the tyranny of the guards over the prisoners and to abolish the discrimination and favoritism which now exists. The present jailer seems incapable of meeting the demands of his office in maintaining discipline both among the guards and the prisoners. The building has been kept in a cleanly condition, considering its overcrowded state, but its proper management demands more than the ability of a jailer. The most urgent needs of the institution are bath tubs, repairs, which will prevent the roof from leaking, and whitewashing of the walls and roofs.

HOUSE OF REFUGE.

This institution, like all the others, suffers from lack of accommodation which nothing but larger appropriations and erection of new buildings will remedy. The inefficiency of the management of the former Superintendent, as stated in our last report, has disappeared with his removal and the efforts of the new Superintendent to do away with its effects deserve much credit. The removal of the dining-room from the dark basement in the boys department to the upper floor of the factory building; the substitution of excelsior for straw in the making of mattresses; the segregation of boys between the ages of six and fourteen years; the reduction of superfluous positions, which has reduced the account one hundred dollars per month; and the placing of fifteen acres of land under cultivation, as compared with three acres of the preceding year, are all changes in the right direction and indicate an active, conscientious, and progressive policy on the part of the Board of Managers and the new Superintendent which merits the indorsement of this Board.

ST. ANN'S ORPHAN ASYLUM.

This institution shares with the Bethesda Home and the Colored Orphans' Home the care of the city's children until they attain the age of three years. In this institution some of the children are cared for by the sisters, while others are given out to wet-nurses under their direction.

During the early part of the spring the quarters and accommodations provided for the children in this institution were extremely unsatisfactory. The floors and walls needed painting and whitewashing; the bedding, blankets and night-clothes were not kept clean, and the lack of proper sanitary arrangements kept the atmosphere which the children breathed in an extremely foul condition. The sisters' attention was called to these facts, and the former conditions have been entirely remedied.

From information acquired from the sisters themselves, and from an investigation made at the instance of this Board, we are of opinion that a closer supervision over the wet-nurses in charge of children from the institution is essential.

The sisters advise us that they do not visit the homes of the women who have the care of the children, but that in placing a child with a woman they rely entirely upon the recommendation of midwives, the appearance of the woman recommended, and the condition of the child when it is brought to the institution for inspection every month at the time when the woman in whose charge it is placed comes for her pay.

From the investigation made by this Board, it was found that in some cases the surroundings and the character of the women were such that no children should ever have been placed with them. We are of opinion that such mistakes could have been avoided by a more careful supervision and personal visits to the homes of these women. The attention of the sisters has been called to the necessity of keeping themselves thoroughly informed from time to time as to the surroundings of the children, and we have no doubt they will give this matter their careful attention in the future.

BETHESDA FOUNDLING HOME AND COLORED ORPHAN'S HOME.

So far as this Board has been able to determine from its visits to these institutions, the children seem to be properly cared for, and the premises are kept in a cleanly condition.

Since the present Board was organized on December 2, 1896, there have been thirteen meetings, of which Mr. President Cramer attended thirteen, Mr. Hitchcock twelve, Mr. Deibel eleven, Mr. Singer ten and Dr. Vincil seven.

Respectfully submitted,

N. G. CRAMER,
FRED DEIBEL,
LOUIS J. SINGER,
JOHN D. VINCIL,
GEORGE C. HITCHCOCK.

August 26, 1897.

ANNUAL REPORT

OF

THE CORONER,

For the Fiscal Year ending March 31, 1897.

CORONER'S OFFICE, FOUR COURTS,
ST. LOUIS, April 1st, 1897.

Hon. Henry Ziegenhein, Mayor of the City of St. Louis:

DEAR SIR — I have the honor to submit herewith, my report of the business of this office for the fiscal year ending March 31st, 1897:—

Inquests were held upon the bodies of ten hundred and forty-three (1,043) persons; of this number eight hundred and eighty-seven (887) were white, and one hundred and fifty-six (156) were colored; eight hundred and thirty (830) were males, and two hundred and thirteen (213) were females; four hundred and eighty-one (481) were single, three hundred and sixty-three (363) were married; one hundred and twenty-seven (127) were widowed, and the social condition of seventy-two (72) could not be ascertained.

Three hundred and fifty-eight (358) deaths occurred from various forms of accidents.

One hundred and fifty-two (152) persons committed suicide. There were eighty-six (86) homicides; twenty-six (26) bodies were found floating; thirty-one (31) premature births; three (3) stillborn, and three hundred and eighty-seven (387) persons died of diseases without medical attendance.

The nativity and age of persons inquested, so far as could be ascertained, is given in tables "B" and "C."

The sex, race, social condition, age, nativity, occupation, means of destroying life, and poison used, are given in table "D."

The sex, race, social condition, age, nativity, occupation, means and weapons used in taking lives (homicides), is given in table "E."

A list of the various accidents causing death, together with the race, sex, social condition, age, nativity, and occupation of the deceased, is given in table "F."

The various diseases causing death to persons dying without medical attendance, together with the sex, race, social condition, age, nativity and occupation of those persons, will be found in table "G."

A comparison of the number of inquests held during the year ending March 31st, 1896, and March 31st, 1897, is given under table "H."

The amount of money collected for the cost of inquests is explained under table "I." (None.)

The financial statement of this office will be found in table "J."

The dispositions of estates of deceased persons is shown in table "K."

WALTER J. WAIT,
Coroner.

NUMBER OF INQUESTS AND VIEWS OF BODIES HELD BY THE CORONER OF THE CITY OF ST. LOUIS DURING THE YEAR ENDING MARCH 31, 1897.

TABLE A.		Accidents.	Found Floating.	Homicide.	Premature Birth.	Stillborn.	Suicide.	Without Medical Attendance.	Total.	Race.			Sex.			Social Condition.				
										White.	Colored.	Total.	Male.	Female.	Total.	Single.	Married.	Widowed.	Unknown.	Total.
April,	1896	13	6	9	.	1	6	26	61	59	9	61	49	12	61	28	21	4	8	61
May,	"	90	8	8	3	.	10	23	142	124	18	142	104	38	142	62	48	19	13	142
June,	"	44	4	8	2	..	21	29	108	96	12	108	95	13	108	47	36	8	17	108
July,	"	34	2	13	..	..	14	35	98	82	16	98	82	16	98	44	34	10	10	98
August,	"	28	4	6	4	..	22	68	132	119	13	132	111	21	132	55	49	20	8	132
September,	"	24	..	5	2	..	7	22	60	51	9	60	51	9	60	30	21	6	3	60
October,	"	21	1	6	1	..	15	35	79	70	9	79	63	16	79	31	32	9	7	79
November,	"	15	..	3	5	1	9	23	56	47	9	56	45	11	56	29	21	6	..	56
December,	"	18	..	7	3	..	17	32	77	64	13	77	58	19	77	36	29	10	2	77
January,	1897	34	1	3	2	1	12	27	80	59	21	80	65	15	80	46	22	11	1	80
February,	"	20	..	9	6	..	9	31	75	62	13	75	55	20	75	37	26	11	1	75
March,	"	17	..	9	3	.	10	36	75	61	14	75	52	23	75	36	24	13	2	75
Total........		358	26	86	31	3	152	387	1043	887	156	1043	830	213	1043	481	363	127	72	1043

NATIVITY OF PERSONS INQUESTED DURING THE YEAR ENDING MARCH 31, 1897.

TABLE B.	Accident.	Found Floating.	Homicide.	Premature Birth.	Stillborn.	Suicide.	Without Medical Attendance.	Total.
United States..............................	208	4	61	10	1	73	223	580
Germany..............................	58	4	5	....	....	44	68	179
Ireland..............................	30	....	5	....	....	7	43	85
England..............................	6	...	....	....	...	4	4	14
Switzerland..............................	4	...	....	....	...	2	6	12
Bohemia..............................	....	....	...	...	....	....	1	1
Scotland..............................	....	....	1	....	....	....	2	3
Italy..............................	2	...	2	...	....	....	....	4
Sweden..............................	....	....	...	....	..	2	2	4
China..............................	....	....	....	....	....	1	1	2
Austria..............................	5	....	....	....	....	2	3	10
France..............................	1	....	....	...	....	1	1	3
Canada..............................	2	....	..	..	....	1	3	6
Prussia..............................	....	....	1	..	...	....	....	1
Wales..............................	1	....	....	....	...	....	....	1
Russia..............................	3	...	2	...	...	2	2	9
Holland..............................	1	...	...	...	..	....	....	1
West India..............................	....	....	....	....	....	....	1	1
Bombay..............................	1	...	....	..	..	....	....	1
Denmark..............................	....	..	...	..	...	....	1	1
Unknown..............................	36	18	9	21	2	13	26	125
Total..............................	358	26	86	31	3	152	387	1043

AGES OF PERSONS UPON WHOSE BODIES INQUESTS AND VIEWS WERE HELD DURING THE YEAR ENDING MARCH 31, 1897.

TABLE C.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Under 5 Years	6	10	9	10	12	3	13	12	12	11	17	9	124
Between 5 and 10 Years	2	10	1	1	.	2	1	1	1	4	1	1	25
" 10 " 20 "	3	11	12	11	11	4	3	3	4	9	1	5	77
" 20 " 30 "	13	27	18	16	21	13	7	10	16	13	17	16	187
" 30 " 40 "	8	29	23	16	25	8	20	8	15	11	13	10	186
" 40 " 50 "	6	14	15	14	26	13	15	6	15	15	4	10	153
" 50 " 60 "	12	19	7	15	13	9	8	9	5	2	8	14	121
" 60 " 70 "	1	7	6	6	13	3	6	2	5	10	9	8	76
" 70 " 80 "	4	2	2	4	5	....	1	4	4	1	2	1	30
Over 80 Years	1	1	....	..	3	....	1	....	....	2	....	1	9
Unknown	5	12	15	5	3	5	4	1	....	2	3	....	55
Total	61	142	108	98	132	60	79	56	77	80	75	75	1043

TABLE D.—SUICIDES.

SEX, RACE, SOCIAL CONDITION, NATIVITY, AGE, OCCUPATION, MEANS OF DESTROYING LIFE, AND POISONS USED.

Male	130	Single	54
Female	22	Married	74
		Widowed	14
Total	152	Not ascertained	11
White	151		
Colored	1	Total	152
Total	152		

AGE.

10 to 20	9	60 to 70	12
20 to 30	37	70 to 80	4
30 to 40	34	Unknown	3
40 to 50	28		
50 to 60	25	Total	152

NATIVITY.

United States	73	Russia	2
Germany	44	Sweden	2
Ireland	7	China	1
England	4	France	1
Switzerland	2	Unknown	13
Austria	2		
Canada	1	Total	152

MEANS AND POISONS USED.

Gunshot wound	49	Incise wound of neck	4
Chloroform	1	Gastro-enteritis	1
Drowning	10	Burns by coal oil	1
Carbolic acid	3	Prussic acid	5
Rough on rats	9	Morphine poison	32
Paris green	7	Hanging	16
Strychnine poison	5	Railroad cars	1
Arsenical poison	3		
Strangulation	2	Total	152
Laudanum	3		

OCCUPATION.

Laborer	15	Tinner	1
Carpenter	10	Gilder	1
Gripman	1	Laundry man	1
Paper carrier	1	River mate	1
Prostitute	3	Solicitor	1
Painter	3	Harness maker	1
Tailor	4	Brick drier	1
Driver	2	Laundress	1
Saloon-keeper	1	Tanner	1
Book-keeper	2	Porter	1
Watchman	2	Wood worker	2
Broker	2	Wire worker	1
Butcher	1	Merchant	3
Potter	1	Stockman	1
Stone-cutter	1	Bricklayer	2
Shoemaker	2	Plasterer	1
Domestic	2	Brakeman	1
Cooper	1	Secretary	1
Carriage maker	1	Pressman	1
Engineer	2	Marble polisher	1
Druggist	2	Saleslady	1
Baker	2	Manager	2
Salesman	3	Restaurant keeper	1
Clerk	10	Collector	2
Collar maker	1	Cook	1
Hostler	1	Gardener	1
Machinist	1	Teamster	1
Contractor	1	Cloth cutter	1
Cigar maker	2	Physician	1
Weigher	1	Agent	1
Tobacco worker	1	None	17
Manufacturer	1	Unknown	11
Lumber dealer	2		
Agent	1	Total	152
Operator	1		

SUICIDES DURING EACH MONTH FOR THE YEAR ENDING MARCH 31ST, 1897.

April,	1896	6	November,	1896	9
May,	"	10	December,	"	17
June,	"	21	January,	1897	12
July,	"	14	February,	"	9
August,	"	22	March,	"	10
September,	"	7			
October,	"	15	Total		152

TABLE E.—HOMICIDES.

SEX, RACE, SOCIAL CONDITION, NATIVITY, AGE, OCCUPATION, MEANS AND WEAPONS USED FOR TAKING LIFE.

Male	73	Single	49
Female	13	Married	30
		Widowed	5
Total	86	Not ascertained	2
White	55		
Colored	31	Total	86
Total	86		

AGE.

Under 5 years	...	From 50 to 60 years	3
From 5 to 10 years	1	From 60 to 70 years	...
From 10 to 20 years	10	From 70 to 80 years	...
From 20 to 30 years	45		
From 30 to 40 years	20	Total	86
From 40 to 50 years	7		

NATIVITY.

United States	61	Italy	2
Germany	4	Scotland	1
Ireland	5	Unknown	9
Russia	3		
Switzerland	1	Total	86

MEANS AND WEAPONS USED.

Gunshot wound	51	Purulent Meningitis	1
Stab wound of abdomen	4	Paris Green	2
Fracture of skull	8	Stab wound of heart	1
Incise wound of neck	2	Septic peritonitis, injury to spleen	1
Strangulation	2		
Stab wound in chest	5	Pneumonia, traumatic	1
Abortion	2	Poisoned and injured	1
Stab wound of thigh	2	Means unknown	1
Tuberculosis Meningitis from a blow	1	Total	86
Concussion of brain	1		

OCCUPATION.

Laborers	38	Houskeepers	5	Rags and iron dealer	1
Housewives	2	Peddler	1	Mail carrier	1
Teamsters	8	Saloon-keepers	2	Stone mason	1
Clerk	1	Merchant	1	Engineer	1
Cook	1	Burglar	1	None	7
School-boys	2	Grocers	2	Unknown	2
Cab drivers	3	Plumber	1	Newsboy	1
Cigar-maker	1	Marble polisher	1		
Lawyer	1	Laundress	1	Total	86

HOMICIDES DURING EACH MONTH FOR THE YEAR ENDING MARCH 31, 1897.

April,	1896	9	November,	1896	3
May,	"	8	December,	"	7
June,	"	8	January,	1897	3
July,	"	13	February,	"	9
August,	"	6	March,	"	9
September,	"	5			
October,	"	6	Total		86

TABLE F.

ACCIDENTS CAUSING DEATH, WITH AGE, SEX, RACE, SOCIAL CONDITION, AND OCCUPATION OF THE VICTIMS, DURING THE YEAR ENDING MARCH 31, 1897.

Male	306	Single	159
Female	52	Married	145
		Widowed	30
Total	358	Unknown	24
White	327		
Colored	31	Total	358
Total	358		

AGE.

Under 5 years	16	From 60 to 70 years	15
From 5 to 10 years	21	From 70 to 80 years	7
From 10 to 20 years	48	Over 80 years	3
From 20 to 30 years	66	Unknown	19
From 30 to 40 years	69		
From 40 to 50 years	51	Total	358
From 50 to 60 years	43		

OCCUPATION.

Laborer	65	Glass blower	1	Secretary	1
School-boy	10	Stableman	1	Baker	4
Carpenter	14	Mover	1	Tailor	3
Teamster	12	Sailor	1	Merchant	5
Painter	1	Restaurant keeper	1	Whitener	1
Porter	3	Trunk maker	1	Butcher	3
Fireman	6	Cigar maker	1	Barber	1
Quarryman	2	Cooper	1	Inspector	2
Fisherman	1	Dyer	1	Signal tender	1
Driver	6	Radiator business	1	Photographer	1
Dressmaker	1	Scale builder	1	Rigger	1
Brakeman	1	School teacher	1	Switchman	5
Newsboy	1	Paper hanger	1	Steamboatman	1
Salesman	3	Grocer	1	Laundress	2
Roofer	1	Cabinet-maker	2	Car repairer	1
Servant	1	Housewives	6	Printer	1
Schoolgirls	2	Engineers	7	Section hand	2
Chambermaid	1	Musician	1	Upholsterer	1
Nurses	2	Conductor	2	Agent	2
Miner	1	Thief	1	Editor	1
Contractor	1	Chair Caner	1	Draughtsman	1
Bricklayer	5	Police and night watchman	6	Hide dealer	1
Errand boy	1			Tanner	2
Machinist	4	Bookkeeper	5	Superintendent	1
Janitor	1	Shoemaker	1	Fur and hide buyer	1
Moulder	1	Peddler	1	Painter (apprentice)	1
Iron worker	3	Lineman	2	Scene shifter	1
Hostler	1	Foreman	4	Unknown	21
Mill hand	1	Cook	1	None	68
Clerk	6	Deck hand	2		
Solicitor	1	Druggist	1	Total	358

CAUSE OF DEATH.

Shock and injuries	160	Falling from horse	2
Drowned	39	Kicked by horse	1
Fracture of skull	20	Scalds by steam	1
Run over by engine & R. R. cars	16	Shock and injuries by elevator	2
Morphine poisoning	15	Rupture of intestines	1
Shock from a fall	10	Burns by fire	2
Shock and injuries by electric cars	9	By emery wheel	1
Gunshot wound	9	Peritonitis	1
Burns by gasoline	8	Tetanus traumatic	2
Concussion of brain	7	Fall from train	1
Shock from burns	5	Suffocation	2
Run over by vehicle	4	Hydrat of chloral	1
Strangulation	1	Falling from scaffold	2
Shock by live wire	3	Struck by boat	1
Crushed by falling debris	1	Burns by coal oil	3
Falling in cellar	1	Peritonitis following injuries	1
Falling from building	1	Asphyxiated by gas	3
Exhaustion from injuries	1	Shock and injuries from blast	1
Scalded	1	Overdose of anaesthetic	1
By falling lumber	1	Congestion of lungs	1
By falling tank	1	Sepsis following injuries	1
From falling elevator	1	Falling from bridge	1
Asphyxiated	2	Congestion of brain	2
Fall from telegraph pole	1	Acute gastritis	1
Knife wound of thigh	1	Paris green	1
Oedema of lungs (cyclone accident)	1	Crushed under sand car	1
Abdominal injuries	1		
Stab wound of chest	1	Total	358

TABLE G.

SEX, RACE, SOCIAL CONDITION, AGE, NATIVITY, OCCUPATION, AND CAUSE OF DEATH WITHOUT MEDICAL ATTENDANCE.

Male	270	Single	187
Female	117	Married	104
		Widowed	77
Total	387	Not ascertained	19
White	306		
Colored	81	Total	387
Total	387		

AGE.

Under 5 years	84	From 60 to 70 years	44
From 5 to 10 years	3	From 70 to 80 years	18
From 10 to 20 years	10	Over 80 years	9
From 20 to 30 years	39	Unknown	6
From 30 to 40 years	57		
From 40 to 50 years	65	Total	387
From 50 to 60 years	52		

NATIVITY.

United States	223	Scotland	2
Ireland	43	Denmark	1
Germany	68	Sweden	2
England	4	Austria	3
Canada	3	Russia	2
China	1	West India	1
Switzerland	6	Unknown	26
Bohemia	1		
France	1	Total	387

OCCUPATION.

Laborer	48	Blacksmith	3	Merchant	3
Foreman	1	Agent	1	Barber	2
Butcher	4	Rope-splicer	1	Dressmaker	1
Mechanic	1	Actor	1	Cook	3
Housewife	8	Stove maker	1	Teamster	6
Painter	3	Leather business	1	Cooper	2
Washwomen	2	Cashier	1	Printer	1
Fireman	5	Sawfiler	1	Section hand	1
Musician	2	Conductor	1	Boiler hand	1
Wagonmaker	1	Iron worker	1	Tinner	1
Housekeeper	2	Horse clipper	1	Baker	2
Steamfitter	1	Minstrel	1	Captain	1
Waiter	2	Writer	1	Attorney	1
Bricklayer	4	Salesman	5	Plumber	2
Brakeman	1	Shoemaker	1	Tobacco worker	1
Driver	2	Rag-picker	1	Machinst	2
Porter	3	Engineer	4	Deck hand	1
Police & nightwtchm	5	Cigar-maker	2	Newsboy	1
Carpenter	6	Houseman	1	Bartender	1
Broker	1	Contractor	3	Manufacturer	1
Solderer	1	Laundryman	1	Farmer	3
Clerk	8	Hostler	3	Nurse girl	1
Schoolgirls	3	Peddler	5	None	159
Servants	7	Horseshoer	2	Unknown	17
Patternmaker	1	Physician	1		
Gardener	1	Tailor	2	Total	387
Saloonkeeper	1	Bookmaker	1		
Manufacturer	1	Harness-maker	1		

CAUSE OF DEATH.

Phthisis Pulmonalis	23	Convulsions	1
Spinal meningitis	1	Hemorrhage of stomach	2
Cholera infantum	6	Asthma	7
Epilepsy	11	Cerebral hemorrhage	2
Whooping cough	1	Tuberculosis of kidney	1
Uraemia	1	Cancer carcinoma of axillae	1
Peritonitis	3	Degeneration of liver	1
Malaria	2	Gastro-enteritis	5
Pleurisy	2	Exposure	1
Marasmus	6	Bronchitis	10
Typhoid fever	1	Angina pectoris	1
Colic	3	Dysentery	3
Hernia	1	Still-born	1
Dentition	6	Premature birth	6
Pneumonia	25	Hemiplegia	2
Atheroma of Aorta	4	Hemorrhage of brain	1
Croup	4	Septicaemia	2
Apoplexy	19	Rheumatism	1
Hemorrhage from varicose ulcer of leg	1	Cancer of throat	1
Inanition	2	Hoematemesis	1
Alcoholism	8	Hoemoptysis	2
Congestion of brain	16	Fatty degeneration of heart	4
Convulsions, infantile	6	Pertusis	2
Insolation	53	Tubercular peritonitis	1
Congestion of lungs	1	Aortic insufficiency	1
Senile debility	24	Puerperal septicaemia	1
Cirrhosis of liver	1	Aneurism of aorta	2
Congenital debility	4	Acute pleurisy	1
Valvular disease of heart	58	Syphilis	2
Hemorrhage of lungs	1	Anasarca	4
Chronic nephritis	19	Unknown	2
Cerebral apoplexy	1	Total	387
Lockjaw	1		

TABLE J.

FINANCIAL STATEMENT OF CORONER'S OFFICE FOR THE YEAR ENDING MARCH 31, 1897.

Appropriations.

To appropriation for salaries of Coroner, two Deputies, one Clerk.	$8,300 00
Office expenses, furniture, printing, stationery, keeping and shoeing horses, repairing vehicles and harness	1,000 00
For jury and witness' fees, stenographer's fees, recovering bodies, coffin and expenses for burial	4,000 00
For making post-mortems	1,600 00
Bills unpaid at beginning of fiscal year	80 20
Total	$14,980 25

EXPENDITURES.

By salaries of Coroner, two Deputies and one Clerk, salary for one and a half month (1½) of newly appointed Stenographer	$8,524 92
Office expenses	1,090 30
Jury and witness' fees	4,541 70
Post-mortems	2,000 00
Bills due of various kinds	80 25
Bills due for post-mortems	1,300 00
	$17,337 17

MORGUE.

FINANCIAL STATEMENT OF THE MORGUE FOR THE YEAR ENDING MARCH 31ST, 1897.

Appropriations.

Salaries of Superintendent and assistant	$19,000 00
Office expenses, furniture, ice, disinfectants, and conveying to the Morgue	1,600 00
For labor and material for repairs requiring prompt attention	200 00
Total	$3,700 00

Expenditures.

By salaries	$1,899 84
Office expenses	2,889 38
Laborer	137 13
Bills due at beginning of fiscal year	200 00
Total	$5,126 35

To Honorable Henry Ziegenhein, Mayor of the City of St. Louis:

Dear Sir — The following two hundred and seventeen cases were reported to this office as Coroner's cases from various physicians, but after careful investigation, finding nothing criminal, certificates were received and O. K.'d by the Coroner, thereby saving the city the sum of about three thousand dollars in costs of inquests, post-mortems, etc., for the year beginning April the 1st, 1896, and ending March 31st, 1897.

WALTER J. WAIT, *Coroner.*

NAME.	Age.	Nativity.	Social Relation	Occupati'n	Cause of Death.
APRIL, 1896.					
Thomas Kinney	13	Ills	Single	Orph. boy.	Peritonitis from a fall (acc.).
Stillborn child of Julius and Caroline Kruse		St. Louis	“		Stillborn (shock caused by a blow received by mother.)
Hannah Ullman	85	Germany	Widow	None	Concussion of Brain (acc.).
Edward Zimmerman	4	St. Louis	Single		Tetanus Traumatic.
Fred. Douglas	1	“	“		Burns by lye (acc.).
John Roth	35	Germany	Unk.	Butcher	Ether Nacorsis.
Ethel Whitman	11 mo.	St. Louis	Single		Burns (acc.).
MAY, 1896.					
Inf. of Jno. & Lillie Mueller	8 m. Gest.	St. Louis	Single		Stillborn.
Agnes Ruth	2 yrs.	St. Louis	“		Concussion of Brain from a fall.
James Scott	65	England	Married.	Unk.	Fracture Cervial Vertebra (acc.)
Charlotte Enders	40	Germany	“	Housewife	Shock and injuries (acc.).
Isa Horne	26	Ills.	Single	Unk.	“ “ “ “
Melami Helix	69	France	Unk.	“	Fracture of skull (cy acc.).
Gustav Vollmer	28	St. Louis	Married.	Driver	Shock and injuries (cy. acc.).
Catherine Mauchenheimer.	56	Germany	“	Housewife	“ “ “
Frederick G. Wells	2	St. Louis	Single		“ “ “
Theresa G. Wells	9 ms.	“	“		“ “ “
Frederick Mauchenheimer.	63 yrs.	Germany	Married.	Saloon	“ “ “
Adam Steinkoetter	15 days	St. Louis	Single		“ “ “
Wm. W. Woods	29 yrs.	Ills	Married.	Laborer	Fracture of skull, “
Louisa Vegnelle	87	France	Unk.	Unk	Shock and injuries, “
Sylvester Bene	5	St. Louis	Single		“ “ “
Frank H. Fischer	6	“	“		Fract. & dis. of neck. (cy. acc.).
Augusta Bolm	63	Germany	Unk.	Unk.	Shock and injuries (cy. acc.).
Robert Wilson	23	Penn	Married.	Bricklayer	“ “ “
Nellie McCarty	26	St. Louis	“	Housewife	Burns by gasoline (acc.).
Wm. Lanham	42	Ky	“	Laborer	Shock and injuries “
Michael Wills	46	Ireland	“	“	“ “ “
Edward Selb	26	St. Louis	Single	Engineer.	“ “ “
Mary E. McGiven	1 yr. 9 ms.	“	“		“ “ “
August Ottensmeier	25 yrs.	“	“	Unk.	“ “ “
Daniel Hasenfratz	71	Germany	Unk.	“	“ “ “
Herman Munavi	14	St. Louis	Single	None	“ “ “
J. M. McDonald	34	U. S.	Married.	Unk	“ “ “
James Goff	29	Ireland	Unk.	“	“ “ “
Wm. Ottenad	41	St. Louis	Married.	Merchant.	“ “ “
Chas. Gallagher	4	“	Single	None	“ “ “
Wm. Gregory	20	“	“	Builder	Fracture of skull, fell from building (acc.).
Theo. Reiss	8	“	“	None	Shock and injuries (acc.).
Maggie A. Hickey	21	“	“	Stenog	Crushed by falling wall.
Wm. Crook	33	La.	Married.	Unk.	Shock and injuries (acc.).
John Wagner.	33	St. Louis	“	Granitoid.	“ “ “
Christian Steinberg	23	“	Single	Unk.	“ “ “
Chas. Schmidt	37	Germany	Unk.	Broker	“ “ “
Alexander Schueriger	30	Switzerland.	Widow'd	Milkman	Fracture of base of skull, from falling building (cy. acc.).
Theo. H. Irwin	60	St. Louis	Married.	Engineer.	Shock and injuries (acc.).
Wm. E. Smith	32	England	Widow'd	Weigher	“ “ “
Catherine A. Herman	58	Germany	Married.	Housewife	“ “ by falling from building (acc.).
Peter Brehen	24	St. Louis	Single	Pris., w. h.	Drowned.
Emma L. Cheney	42	Vermont	Unk.	Unk.	Shock and injuries (acc.).
Bertie E. Jacobs	42	St. Louis	“	“	“ “ “
Charles E. Allen	44	Mo.	Married.	Watchman	“ “ “
Joseph Elser	32	U. S.	Single	Teamster.	“ “ “
Anna Rohlfing	23	St. Louis	“	Unk.	Fracture of skull, “
George Benz	22	Ohio	“	“	Shock and injuries, “
Wm. Q. Smith	82	U. S.	Widow	None	Shock foll. fract. of hip (acc.).
Chas. Alcornero	19	Italy	Single	Baker	Concussion of brain (cy. acc.).
Herman Schmalenbach	30	St. Louis	“	Salesman.	Shock and injuries (acc.).
JUNE, 1896.					
Theodore Poppitz	19 yrs.	St. Louis	Single	Unk	Shock and injuries (acc.).
Jas. Lanahan	26	Ireland	“	“	Concussion of brain (cy. acc.).
Andrew Smith	4 ms.	St. Louis	“		Shock and injuries, “
Leon Gray	5	“	“		“ “ “
Chas. Tointer	3	“	“		“ “ “
Fred Bohle	64 yrs.	Germany	Unk.	Unk.	“ “ “
John Ahillen	26	“	Single	Driver	Fracture of skull, “
Benjamin DeSilva	55	Philadelphia	Unk.	Agent	Compound fract. of leg (cy. acc.).
Stillborn female of Fred. & Minnie Lorenz		St. Louis			Stillborn.

NAME.	Age.	Nativity.	Social Relation.	Occupati'n	Cause of Death.
		JUNE, 1896.—*Continued.*			
Anton Gregory	32	Sclavonian	Unk	Unk	Fracture of skull (cy. acc.).
Harry C. Barlow	48	Mo.	Single	"	Fracture of leg, "
Edmund T. Lynch	45	St. Louis	Widow'd	Mechanic	Tetanus Traumatic, "
Dinna Wehrlein	21	Germany	Single	Domestic	Internal injuries, "
Mollie A. Anderson (col.)	6 yrs.	St. Louis	Single		Convulsions.
Mary C. Riley	20	"	Unk.		Burns by gasoline (acc.).
Louis Sehr	51	Germany	Single	Shoemak'r	Phthisis Pulmonalis.
Addie Anderson (col.)	15	St. Louis	"	None	Compound fracture of leg (acc.).
Mary Moore	66	Ireland	Unk	Unk.	Peritonitis (cy. acc.).
Allex Kelley (col.)	23	Ala	"	Porter.	Lacerated wound (cy. acc.).
Ida Thompson	22	Mo	Single	Servant	Puerperal Peritonitis (cy. acc.).
Peter J. Dean	37	Ireland	Married	Unk.	Burns of back and arm (acc.).
Wm. Buchholz	10 yrs.	St. Louis	Single	None	Tetanus Traumatic (acc.).
Aug. Deicke	62	Germany	Married	Carpenter.	Peritonitis (cy. acc.).
Alfred Glasmann	1 yr.	St. Louis	Single	None	Burns from lye (acc.).
Thomas Burns	38	Wis.	"	Laborer	Shock & inju's from a fall (acc.).
Fred Eisenstein	22	Ills	Married	Tinner	Fract. of spine from a fall (acc.).
Lena Shenck	1 yr.	St. Louis	Single		Fracture of skull (acc.).
		JULY, 1896.			
Alvin Diekhaus	5 yrs.	Mo	Single		Shock from scalds (acc.).
Catherine Fager	37	N. O.	"	Unk	Shock and injuries (cy. acc.).
Herman Walker	66	Germany	Unk	"	Heart failure.
Henry Felgman	70	"	"	"	Shock and injuries (acc.).
Angeline Nager	25	St. Louis	"	"	Shock and injuries (acc.).
Geo. Cella	17	"	"	"	Septic Meningitis (acc.).
Frank Matonsek	51	Austria	"	Driver	Shock from a kick by horse (acc.).
Thomas Layden	61	England.	Married	Unk	Concussion of Brain (acc.).
Florence Silvia	1 m. 1 day	St. Louis			Cholera Infantum.
Frank Wodraska	35	"	Married	Tar roofer.	Endocarditis Rheumatic.
Elizabeth Boehmer	35	"	"	Housewife	Burns by gasoline (acc.).
Eugene Hellen (col.)	33	Ky	"	Brakeman.	Septicaema from fracture.
Henry Funke	47	Germany	"	Teamster	Valvular disease of heart.
Otto Prustar	10	St. Louis	Single.	None	Shock and injuries (acc.).
Geo. H. Kramer	17	"	"	Painter	Tetanus Traumatic (acc.).
White male infant of Berry Hopkins	6 days.	"	"		Exposure from cold (acc.).
Twins of Anna Weiss	2 hrs. 8 m. Gest.	"	"		Premature birth (acc.).
Susie Gentry (col.)	34	Mo	Widow	Housewife	Valvular disease of heart.
Chas. Helfenstein	30	St. Louis	Single	Clerk	Fracture of spine (acc.).
Wm. Reilly	2 yrs.	"	"		Concussion of Brain (acc.).
Julia Vollmar	37	"	Married	Housewife	Convulsions due to temperature.
Daisy D. Coppel	21	Ill	Single	None	Remittent fever.
Henry C. Doepke	29	St. Louis	"	Teamster	Sunstroke.
Geo. H. Thiemeyer	34	"	Unk.	Unk	Overheated.
Chas. Head	37	Miss.	"	"	Pyaemia.
Geo. Beard	33	Germany	Single.	Whitew'er	Heat prostration.
Henry A. Ziegler	36	St. Louis	Married	Baker	Thermic fever.
Herman Fischer	30	Holland	"	Dairyman.	Sunstroke.
Henry Welp	35	Germany	Single.	Mechanic	Heat prostration.
Jas. A. Coppage	60	Mo	Married	Farmer	Sunstroke.
		AUGUST, 1896.			
Chester Hosington	35	Ill	Single	Roofer	Heat prostration.
Philip Patton	35	Unk	Unk.	Unk	Sunstroke.
Elizabeth Grimweisen	51	Germany	"	"	Sunstroke.
Bertha Hemsath	23	St. Louis	Single	"	Burns from gasoline (acc.).
Rosa Fath	57	Germany	Unk	"	Insolation.
Thomas Doyle	48	Ireland	Married	Weigher	Insolation.
J. L. Constant	35	St. Louis	Single.	Unk.	Sunstroke.
Joseph Poekner	2 yrs.	"	"		Burns by hot water (acc.).
Geo. Herman	Unk.	Unk.	Unk	Unk	Sunstroke.
Chas. Barnish	55	Germany	Widower	Stonem'on	"
Chas. Reese	47	Ohio	Single.	Laborer	"
Sarah Votteler	46	Ky	Married	Housewife	"
Richard Steinman	26	Germany	"	Cook	"
John Jefferson	53	Ky	Single	Unk	"
Chas. W. Kearney	3 yrs.	St. Louis	"		Septicaemia.
Rudolph H. Boettger	34	Mo	Married	Unk	Sunstroke.
Frank Stelle	37	Unk	Unk	Supt.	Fall from building.
Henry Albers	34	Germany	"	Unk	Sunstroke.
Jos. Bly	40	Unk	"	Baker	"
Alois Wuensch	60	Germany	Married	Tinner	"
Maggie Albro	50	Unk	Single.	Prostitute.	"
Martin Wall	42	Switzerland.	"	Stable boss	Overheated.
Thomas Haden	60	England	Widower	Laborer	Sunstroke.
John Rupert	44	Mo	Married	Dep. Mar'l.	"
Frank Mueller	37	Bohemia	Single	Gardener	Heat prostration.
Joseph Rustermeyer	39	Mo	Unk.	Chairm'er.	Sunstroke.
Henry Winkel	26	"	Single.	Teamster	"
Sarah Hamker	24	St. Louis	"	Housew'rk	"
Warren Grant (col.)	50	Unk	Unk.	Unk.	"
Andy Gerster	About 45	"	Single.	Watchman	"
Unknown white man	About 35	"	Unk	Unk	"
Mary Niebur	27	Ill	Single	Housek'er.	Fracture of skull (suicide.).
James T. Davis	23	Mo	Unk	Unk	Bl'd pois'ng from a wound (acc.

NAME.	Age.	Nativity.	Social Relation.	Occupati'n	Cause of Death.
AUGUST, 1896 — *Continued.*					
Minnie Beckman	2 yrs.	Mo			Concussion of Brain.
Geo. L. Curl	12	“	Single.	None	Burns (acc.).
H. Bradley	25	“	Unk.	Unk.	Fracture of skull (acc.).
Fred Aumiller	41	U. S	Single	Clerk	Inflammation of bowels.
Philip Lehman	67	Germany	Married	Carpenter	Senile Debility.
SEPTEMBER, 1896.					
Annie Frey	11 yrs.	St. Louis	Single	None	Burns by gasoline.
Annie Barthold	11 yrs.	“	“	School girl	Fracture of skull (acc.).
Michael Cantillon	66	Ireland	Unk	Watchman	Shock and injuries (cy. acc.).
Eliza Grooms	74	Md	Widow	None	Senile Debility.
Nancie Wright	53	St. Louis	Unk	Unk	Apoplexy.
Aloyisius Spaeule	58	Germany	Single	Laborer	Tetanus from injury of leg (acc.).
Jeremia Neville	50	Ireland	Married	Teamster	Shock and injuries (acc.).
OCTOBER, 1896.					
Anna Sears	1 mo.	St. Louis	Single		Diarrhoea.
Peter G. Anton	69	Germany	Married	Pr. of Music	Apoplexy.
Walter Smith (col.)	2 days.	St. Louis	Single		Internal injuries (acc.).
Blanch M. Dalton	6 yrs.	“	“		Shock from burns (acc.).
Male infant of Jas. and Hanora Barry	9 m. Gest.	“	“		Spasms.
Infant of Otto H. Heil	1 day.	“	“		Congenital Debility.
Wm E. Williams	36	Ills	Married	Teamster	Shock and injuries (acc.).
Irwin Labee	3 yrs.	St. Louis	Single		Shock from burns (acc.).
Jesse Johnston (col.)	3 yrs.	“	“		Shock from nail in foot (acc.).
Hanna Wiggie	46	Ireland	Widow	None	Tetanus Traumatic (acc.).
Wm. E. Cartwright	39	U. S.	Married	Housewife	Frisco R. R. (acc.).
Mamie McKenna	10	U. S.	Single	None	Frisco R. R. (acc.).
Barney McKenna	47	U. S.	Married	Unk	Frisco R. R. (acc.).
Henry Thole	31	U. S.	“	“	Frisco R. R. (acc.).
Conrad Kunz	69	Germany	“	“	Frisco R. R. (acc.).
NOVEMBER, 1896.					
David Burke	12	St. Louis	Single	None	Tetanus from wound, splinter in foot (acc.).
Elizabeth Christmann	31	Germany	Married	Housewife	Burns by gasoline (acc.).
John Larkin	7 m Gest.	St. Louis	Single		Premature birth.
Ida Martels	21	Ohio	“	Bookk'per	Burns by coal oil (acc.).
Clarence Williams	3 mo.	Mo.	“		Pneumonia.
Henry W. Wellmeyer	79	Germany	Unk	None	Senile Debility.
Wm. F. Ferthman	1 yr.	St. Louis	Single		Pyemia from burns (acc.).
DECEMBER, 1896.					
Anton G. Eichenlaub	1 yr.	St. Louis	Single		Suffocation (acc.).
Claud N. Freeman (col.)	1 yr.	“	“		Burns by fire (acc.).
Robert B. Lee	59	Ky	Married	Miner	Shock and injuries (acc.).
Franz Appel	44	Ungarn	Unk	Unk.	Bronchitis.
Julius J. Mirord	2 yrs.	St. Louis	Single		Burns by hot water (acc.).
Rudolph Bauman	28	Germany	Married	Cabi't mkr.	Alcoholism.
Henry Fuechtman	32	St. Louis	Unk	Unk.	Burns by coal oil (acc.).
JANUARY, 1897.					
Geo. McGrain	10 hrs.	St. Louis			Intra-cranial Hemorrhage.
Male infant of Fred. Thellemann and wife	Unk.	“			Stillborn.
Emma Kampe	25	U. S.	Married	Housewife	Peritonitis.
Florence A. Fenwick	7 days.	St. Louis	Single		Erysipelas.
Conrad Shirmer	51	Germany	Married	Housewife	Hemiplegia.
Anna Ebenhoh	55	“	Unk	Unk.	Congestion of lungs.
Wm. Schmit	34	U. S.	Married	Actor	Apoplexy.
Hansine Jensen	42	Denmark	“	Housewife	Burns by coal oil.
James Devereaux	53	Ireland	Unk	Unk.	Valvular disease of heart.
Infant of Lillie Kuntz, Lillian Doyle	5 days.	St. Louis	Single		Asphyxiation.
Mary Shay	41	N. Y.	Unk.	Unk.	Burns by coal oil.
Louis Bridges (col.)	66	Tenn	Married	Laborer	Septicaemia produced by splinter (acc.).
Martha A. Stock	63	Md.	Widow	None	Angina Pectoris.
FEBRUARY, 1897.					
John Riley	56	Ireland	Married	Machinist	Hypertrophy of heart.
Fred. Stegman	4 yrs.	St. Louis	Single		Shock from burns.
Catherine Pritchard	84	U. S.	Widow	None	Nervous shock.
Anna Grabowska	68	Germany	“	“	Valvular disease of heart.
Robert Fergeson	76	Scotland	Married	Engineer	Paralysis of heart.
Geo. Reitz	27	St. Louis	Unk.	Unk.	Tetanus (penetration of nail in foot) (acc.).
Michael Wall	43	Ohio	Married	Laborer	Pneumonia.
Conrad Schuette	67	Germany	“	Unk.	Fatty degeneration of heart.
MARCH, 1897.					
Mary Capron	42	Italy	Married	Housewife	Tetanus Traumatic (acc.).
Catherine Seaver	65	Germany	“	“	Valvular disease of heart.
Louise Coble	25	Mo.	“	“	Septicaemia from Proctitis.
Edna Lee Randall	9	St. Louis	Single		Concussion of Brain (acc.).
Jane B. Morgan	75	Penn	Widow	None	Heart disease.
August Fuchs	4 yrs.	St. Louis	Single		Meningitis Traumatic (acc.).

TABLE K.

DISPOSITION OF PROPERTY OF PERSONS DECEASED FOR THE YEAR ENDING MARCH 31, 1897.

April 2, 1896. Wm. Stapleton — watch and chain, 3 cents and papers, delivered to John Stapleton.

April 2, 1896. Chas. Bulgard — 1 watch and chain, 4 brass checks, memorandum book, pencil, collar button, knife, pocket book and papers, delivered to Chas. W. Bolgard (father).

April 7, 1896. Geo. Bauer — 1 revolver, 1 gold watch and chain, $17.55 in cash, 1 gold ring, 3 keys, 1 lot beer checks, 1 black stiff hat, 1 small pocket book, 1 large pocket book, 1 syringe, 3 handkerchiefs, delivered to B. Bauer. Also 1 lot of rent receipts, delivered to A. Vallat.

April 11, 1896. Chas. Larson — 25 cents cash, 2 photos and letters, delivered to John Magunson.

April 14, 1896. Richard Michel — $1.13 in cash, 1 pass book, 2 keys, 1 ring, 1 trunk and contents, delivered to Henry Brockschmidt. Also 1 rule, 1 caliper, 1 steel punch, 11 knives, 1 thread cutter, 2 small chest of machinist's tools, delivered to H. F. Grentzemacher.

April, 1896. F. H. Wiley — 1 pair sleeve buttons, 1 gold watch and chain, 1 knife, 1 collar button, 1 letter, 1 scarf-pin, delivered to R. E. Wiley.

April 20, 1896. Geo. Grant — $101.00, one hundred and one dollars in cash, delivered to C. Schawacker for burial expenses, by order of Mrs. Geo. Grant.

April 22, 1896. Wm. Kammann — 1 cloth cape, 1 purse, and $13.00 in cash, 1 package letters, delivered to Wm. H. Kammann, Jr.

April 23, 1896. Jno. R. Scott — 1 memorandum book, $13.87 in cash, 1 pair specs, letters and papers, 2 pencils, 1 pipe, sack of tobacco, 2 handkerchiefs, 1 lease, delivered to John B. Young.

April 25, 1896. J. F. Smith — 1 valise and contents, 1 overcoat, 1 hat, 1 coat and vest, 20 cents cash, 1 pocket knife, 1 collar button, 1 memorandum book, letters and papers, bottle strychnine, 1 pair specs, 1 pair cuff buttons, delivered to M. C. Nordrup.

April 25, 1896. W. R. Hutchinson — 1 purse and 10 cents in cash, 1 knife, letters and papers, 1 pair glasses, delivered to B. Hutchinson (daughter).

May 9, 1896. J. A. Oljve — 1 gold watch and chain, 2 letters and memorandum book, delivered to J. B. Ricks.

May 5th, 1896. Chas. Stocker — $15.77 in cash, 1 case and comb, cartridges, 1 knife, delivered to G. B. Sidner, by order of Mrs. Chas. Stoker.

May 11, 1896. Miss J. Sullivan — 1 trunk and contents, delivered to Johanna Sullivan.

May 11, 1896. Mary Osborne — 1 trunk and contents, delivered to Mrs. Chas. L. Moss.

May 13, 1896. A. Worton — 1 razor, delivered to Joe Brockel.

May 19, 1896. William A. Hohn — 1 silver watch, delivered to Louis Alsberg.

May 25, 1896. Fred Hansen — 1 trunk and contents, delivered to Mrs. Sinkup.

May 28, 1896. Louis F. Sims — $1.80 in cash, purse, 1 watch and chain, specs, match box and letters, delivered to Mrs. Louis F. Sims.

May 28, 1896. I. Horne — 1 gold watch and chain, 1 gold ring, 1 knife, 1 cuff button, delivered to Robert Horne (father).

May 28, 1896. Julius Gall — 14 cents cash, 1 knife, delivered to Wm. T. Quinn.

May 28, 1896. Joseph Mauer — 1 gold watch and chain, 1 gold ring, 1 knife, keys, 2 buttons, cash, $10.45, delivered to Frank Maurer.

May 28, 1896. Wm. Winkler — 1 watch and chain and charm, 1 ring, $3.15 cash, delivered to Alfred A. Meyer (brother-in-law).

May 28, 1896. Thos. Eyman — 1 watch and chain, cash, $8.00, knife and keys, eyeglasses, note book and letters, delivered to Mrs. T. A. Eyman.

May 28, 1896. J. Martini — 1 ring, 1 pair of earrings, delivered to Tony Dematine.

May 28, 1896. Thos. Irwin — 1 watch, 1 pair specs, pass book, match box, keys and memorandum book, delivered to Hannah J. Irwin.

May 28, 1896. Chas. Ribbeck — pipe, match box, 5 tickets, delivered to Henry Ribbeck.

May 28, 1896. Herman Munari — 46 cents in cash, papers, book receipts, etc., 1 handkerchief, delivered to Basilio Munari.

May 28, 1896. Wm. Plachek — $102.60 in cash, 1 gold watch and chain, 1 gold ring, keys, 2 purses, 1 comb, 1 stud, delivered to Jos. Plachek.

May 29, 1896. Gus. Vollmer — 1 watch and chain, match box, keys, 5 cents cash, delivered to Gus. Vollmer.

May 29 1896. Geo. W. Knoebel — letters and papers, 1 knife, 1 comb, bunch of keys, 16 cents in cash, delivered to Herman Knobel.

May 30, 1896. Thos. Moraghan — $10.20 in cash, tickets, $2.25, 1 silver watch and chain, 1 knife, 2 keys, 2 memorandum books, 1 conductor's book, 2 wipes, pencil, 1 ring, delivered to James Moraghan (father).

June 1, 1896. John Sherbel — 1 watch and chain, 1 knife, 80 cents cash, 1 handkerchief, delivered to Joe Sherbel.

June 1, 1896. Chas. Allen — 1 watch and chain, badge, 1 knife, 1 revolver, 30 cents cash, keys, delivered to George W. King.

June 1, 1896. Jas. Miller — rubber pouch, purse, and 35 cents cash, 1 ring, and door keys, delivered to Mrs. J. J. Miller (wife).

June 1, 1896. Geo. Keim, Sr. — 1 silver watch, 1 knife, pass book, 10 cents cash, delivered to Chas. Keim.

June 1, 1896. H. Schmalenbach — 1 gold watch and chain, $6.35 in cash, knife, 2 pair cuff buttons, 1 ring, memorandum book, handkerchief, delivered to Ed. Schmalenbach.

June 1, 1896. Jno. Bergest — 1 knife and keys, 5 cents in cash, 3 beer checks, delivered to J. Hahn.

June 1, 1896. Mary Talbert — cash, $2.75, turned over to Christ Schawacker for services rendered on order of Annie Welden.

June 2, 1896. Wm. Woods — 2 keys, delivered to Mrs. Nellie Woods.

June 2, 1896. Mrs. Helix — pass book, 30 cents cash, 3 rings, 2 pieces of paper, delivered to Mrs. Cook, nee Savat.

June 3, 1896. Chas. Hull — $7.85 in cash, papers and handkerchief, delivered to Oliver A. Hull.

June 3, 1896. G. Zimmerly, $86.45 in cash, delivered to Mike Saal.

June 5, 1896. Louis Viguette — $552.25 in cash, delivered to Wm. C. Richardson, public administrator.

June 7, 1896. Uriah H. Shanks — 26 cents cash, 1 knife, 3 pieces tobacco, 1 handkerchief, 1 memorandum book, delivered to E. B. Shanks.

June 7, 1896. Sal. Parker — $1.40 in cash, delivered to Mrs. Laura Parker (wife).

June 8, 1896. Hugo Hoehn — 2 handkerchiefs, 2 pieces tobacco, 1 knife, delivered to Eugene A. Hoehn.

June 10, 1896. Wm. Collins — 1 chain, 1 pencil, 1 mirror, 1 key, delivered to Wm. J. Collins.

June 10, 1896. Sam Dodsworth — 1 gold watch and chain and charm, 2 pencils, 1 comb, 1 memorandum book, papers, etc., $5.00 in cash, 1 pair gold specs, 1 card case with R. R. passes, etc., $1.4 in cash, 2 bunches keys, 1 diamond pin, 1 pair cuff buttons, 1 collar button, 1 match box, delivered to E. W. Snyder.

June 11, 1896. L. F. G. Wiese — 35 cents in cash, bunch of keys, 1 knife, 1 stud, 1 pair sleeve buttons, 3 lead pencils, 2 handkerchiefs, 2 milk tickets, 1 letter, 1 revolver, delivered to Otto Wiese.

June 12, 1896. Jno. L. Sullivan — $5.15 in cash and 1 memorandum book, delivered to J. M. Sullivan.

June 12, 1876. J. Hickey — 1 revolver, delivered to J. Alexander.

June 22, 1896. Burt C. Stewart — $8.35 in cash, gold watch and chain and locket, 1 pair gold cuff buttons, stud, knife, handkerchief. Delivered to Mrs. Cora E. Stewart.

June 24, 1896. Eliza Jones — 1 insurance policy for $6,400; 1 insurance policy for $5,700, delivered to Nelson Jones.

June 24, 1896. F. Ebie — $8.60 in cash, key, pair glasses, 1 package tobacco, delivered to Mrs. E. Ebie.

June 25, 1895. Geo. Herbert — 1 billy and letters, delivered to Frank H. Herbert.

June 26, 1896. Henry Schroeder — 1 policy for $90.00, 1 policy for $135.00, delivered to Rudolph Kottemann.

June 30, 1896. Leo. Meyer — 1 gold watch and chain, 1 trunk and contents, 1 gold ring, 1 opened face watch, 15 cents in cash, 1 deed of trust for $750, 5 interest notes $22.50 each, 1 pair shoes, 1 clock, 3 hats, 1 bicycle, cash $100.00 received from Mrs. Haas, delivered to Wm. C. Richardson, Public Administrator.

June 30, 1896. A. S. Silber — 1 watch, 1 memorandum book, 1 knife, purse, $2.75 cash, keys, 2 sleeve buttons, 2 studs and letters, delivered to Victor A. Silber.

July 3, 1896. L. Borchers — $14.45 in cash, pass book, 1 silver watch and chain, 1 bundle of clothes, 1 knife, 1 rule, 1 key, memorandum book and tobacco, delivered to Mrs. Minna Borcher.

July 4, 1896. John Lohlein — 1 silver watch and chain, 1 match box, delivered to Frances Rux (niece).

July 7, 1896. L. Rotenhagen, 1 watch and chain, 1 bunch of keys, silver tobacco box, 40 cents in cash, 1 revolver, delivered to Chas. W. Rotenhagen.

July 11, 1896. F. Lamker — 2 handkerchiefs, 1 knife, 5 cents cash, delivered to E. Homer.

July 11, 1896. S. Vetsburg — 3 handkerchiefs, keys, $1.22 in cash, pass book, 1 knife, ring, 1 pair gold specs and case, delivered to Leon J. Friedheim.

July 13, 1896. E. J. Steinbruegge — 1 knife, 1 match box, 2 pass books, 3 keys, old coin, chips and papers, delivered to Geo. A. Steinbruegge.

July 17, 1896. H. Bergstadt — 1 silver watch, 1 knife, keys, pass book, $2.60 in cash, pair of specs, 1 handkerchief, pipe and tobacco, delivered to John G. Koppelmann.

July 21, 1896. Aug. Fischer — 1 silver watch and chain, 1 piece of tobacco, 1 handkerchief, delivered to Theo. Fischer.

July 21, 1896. W. Cook — letters and papers, delivered to W. C. Richardson, Public Administrator.

July 25, 1896. Aug. Willers — 1 silver watch, 4 keys, 1 knife, 1 match box, 65 cents in cash, delivered to Carl Willers.

July 25, 1896. Capt. W. M. Patterson — 1 gold watch and chain, $337.30 in cash, bunch of keys, 1 diamond ring, 1 ring, 1 knife, 1 diamond stud, 1 valise and contents, 1 pair of specs, 1 cane, 1 trunk and contents, 1 bank book, 3 memorandum books, delivered to Wm. C. Richardson, Public Administrator.

July 25, 1896. Henry Busking — $1.15 in cash, 1 match box, 2 memorandum books, knife and pipe, delivered to Mrs. Elizabeth Busking.

July 29, 1896. Sam. Shelly— 1 revolver, delivered to Sam. Shelly.

July 31, 1896. R. Tassell — 30 cents cash, watch and chain, 2 keys, scarf pins, diamond stud, rule, handkerchief, letters, delivered to Mrs. R. Tassell.

July 31, 1896. Wm. Harris — 1 revolver, delivered to Wm. Harris.

July 31, 1896. F. Kohleiser alias F. Brown — 1 bunch keys, delivered to D. G. Creften, Bethel Home.

July 31, 1896. J. M. Coppedge — $95.24 in cash, 1 gold watch and chain, papers and receipts, delivered to J. M. Coppedge.

August 1, 1896. F. Kohleiser — 1 watch and chain, 1 pass book and letters, delivered to Ambrose Zitter.

August 3, 1896. John D. Nunes — photograph, 1 ring, 1 pair cuff-buttons, 1 knife, delivered to Hattie D. Nunes.

August 3, 1896. J. M. Coppedge — letters and papers, delivered to R. T. Wheeler.

August 6, 1896. Alex. Murphy — 80 cents cash, gold watch and chain, and 1 pawn ticket for ladies' gold watch, bunch keys, 1 knife, 1 rule, 1 memorandum book, letters, papers and receipts, etc., delivered to James Brown (brother-in-law).

August 6, 1896. Carl Schneider, alias Schweitzer — $31.85 in cash, 1 pair specs, 2 memorandum books, letters, scarf pin, mirror, comb, 2 lead pencils, delivered to Louise Schneider (sister).

August 7, 1896. Hy. Gehne — 2 memorandum books, tin type, 55 cents cash, and letters, delivered to G. Gehne.

August 7, 1896. Chas. Franke — 60 cents cash and receipts, delivered to F. W. Franke.

August 7, 1896. Annie Tufts — 1 trunk and contents, 47 cents cash, 1 ring, delivered to Miss Curtain.

August 8, 1896. Thos. Barnes — 1 revolver, 1 pipe, purse and 25 cents cash, 1 knife and postal card, delivered to Walter J. Barnes.

August 10, 1896. J. Goddel — 1 knife, 2 keys, 1 rule and $13.20 cash, delivered to Bertha Goddel.

August 12, 1896. J. B. Tucker — 2 valises and contents, 1 bundle of clothing, delivered to Christ Schawacker for shipment, on order of Mrs. J. B. Tucker.

August 13, 1896. Geo. Rebhahn — cash, $2.50, delivered to Geo. A. Helein on order of Martin Pembroke, S. D.

August 15, 1896. A. Gerster — 1 receipt book of Shrewsbury Park Sand and Improvement Co., 1 contract for 1 lot valued at $1,050.00 delivered to Wm. C. Richardson, Public Administrator.

August 16, 1896. Nellie Gillbourne — 1 hand satchel and contents, delivered to Robert Maney.

August 16, 1896. Unk, colored man (a burglar) — $12.01 in cash, 1 silver badge, delivered to Mrs. E. Joyce (from whence it was stolen).

August 17, 1896. E. J. Steinbruegge — 1 revolver, delivered to Gus Huch.

August 17, 1896. T. Melve — letters and drugs, delivered to Harvey Bayley.

August 27, 1896. S. Odenheimer — 1 trunk and contents, 1 bundle clothes, delivered to Wm. C. Richardson, Public Administrator.

August 27, 1896. J. Davis — 1 gasoline stove, 1 bundle bed clothes, 1 bundle clothing, 1 valise and contents, 1 sack and contents, delivered to S. Fulgham.

August 29, 1896. Jas. Adams — 1 pocket book and papers, 2 coats, one valise and contents, delivered to Nellie C. Derington.

August 29, 1896. Max. Schalch — 1 revolver, delivered to Minnie Schalch.

August 31, 1896. A. Freund — 1 trunk and contents, 1 watch and chain, 1 insurance policy, 1 manual book, 1 pocket book, 30 cents in cash, 1 pair gold specs, delivered to Louis P. Freund.

September 2, 1896. Jno. Sullivan — $8.85 in cash, 1 knife, 1 handkerchief, delivered to Mary Sullivan.

September 4, 1896. M. J. Christman — 5 cents cash, 1 pair eye-glasses, 1 bottle strychnine, delivered to Wm. Schmidt.

September 5, 1896. J. B. Wright — 90 cents in cash, 1 gold watch and chain and charm, keys, knife, pencil and comb, passbook, diamond stud, gold ring, newspaper clippings and letters, 1 coat, 1 revolver, Smith & Wesson, delivered to Joseph P. Wright.

September 7, 1896. L. Sruggs (colored) — 15 cents cash, knife and keys, delivered to Willie Scruggs, delivered to Westliche Post.

September 13, 1896. Hy. Edler — 1 watch and chain, 1 gold pin, 1 match box, 10 cents in cash, 1 pair glasses, 1 night watchman's badge, delivered to Magaretha Edler.

September 14, 1896. Casper Sockalia — 1 trunk and contents, 1 purse and 34 cents cash, match box, tobacco case, 1 sack of old clothes, delivered to John Mareno.

September 15, 1896. Jno. Chapman — keys, scissors and papers, delivered to Lithie Chapman.

September 16. 1896. Tim Maloney — 1 gold watch and silk chain, account book on Citizens' Bank, 1 knife, specs and case, time book, match case, buggy license, postal cards, check book, keys and 70 cents in cash, delivered to George Maloney.

September 16, 1896. Jim Clark — 1 revolver, delivered to Jno. A. Gernez, attorney.

September 18, 1896. Fred Marshall — 1 silver watch and chain, 1 ring, 1 receipt book of Royal Arcanum, envelopes and papers, 2 bottles, 2 collar buttons, 15 cents in cash, delivered to Mrs. M. S. Marshall.

September 21, 1896. B. Grawe — 1 gold ring, delivered to Augustus P. Morgan.

September 24, 1896. Mack Basbey (colored) — $23.75 in cash, 1 medal, delivered to Wm. C. Richardson, Public Administrator.

September 24, 1896. M. Thompson — 1 trunk and contents, 1 gold watch, 1 knife, K. of P. button, $268 in cash, keys and papers, delivered to Wm. C. Richardson, Public Administrator.

September 30, 1896. Chas. Wilson in Bradshaw Case — 1 bulldog revolver, delivered to Sergeant Church, Third District.

September 30, 1896. Jno. Manion — $1.22 in cash, 2 purses, newspaper clippings, 1 knife, 2 safe deposit keys, 1 gold watch and chain, 1 bunch of keys, delivered to Wm. C. Richardson, Public Administrator.

September 30, 1896. Wm. Swanson — 1 revolver, S. & W., delivered to Wm. Swanson.

October 1, 1896. C. Faber — 1 grip and contents, delivered to Mrs. Lucy Faber.

October 1, 1896. Jno. Johnson — 1 tool chest and contents, 1 valise and contents, delivered to Hugh T. McCorkle, Administrator of Estate of John Johnson.

October 1, 1896. Jennie Love (colored) — 1 gold ring, 2 dice, 21 cents in cash, delivered to Mollie Menirce (sister).

October 2, 1896. Chas. Heimbach — 1 gold watch and chain, 1 knife, 2 rings, pair cuff buttons, 1 memorandum book, $2.80 in cash, papers and letters, 1 pair gold specs, 1 match box, delivered to Anna Heimback (sister).

October 5, 1896. Hy. Bieber — 1 revolver, delivered to Mrs. Julia Bieber.

October 5, 1896. Wm. Brunatte — 1 pair specs, 1 memorandum book, 20 cents cash, pipe, delivered to Oscar Heile.

October 14, 1896. Philip Zimmer — 7 handkerchiefs, 1 silver watch, 3 studs, letters, 1 cuff button, 1 comb, 1 pen, 1 key, watch key, delivered to Carrie Zimmer.

October 16, 1896. R. Green (colored) — 1 bunch of keys, pass book, 25 cents cash, 2 pictures, delivered to Geo. W. Emery, secretary Calvary Cemetery Association.

October 16, 1896. Adeline Howe (colored) — 1 gold ring, delivered to Anna E. Webster (daughter).

October 21, 1896. Albert Weier — bunch of keys, buttons, 1 revolver, delivered to A. Weier.

October 21, 1896. Sam Gears (colored) — 2 memorandum books, tobacco, 1 box medicine, 1 stud, 1 lodge pin K. of P. delivered to Lizzie Sears.

October 21, 1896. W. W. Florence — 1 pair specs, 1 ring, 9 keys, watch and chain and charm, 2 lodge pins, 2 studs, memorandum book and letters, delivered to W. H. Bowmann.

October 23, 1896. John Hozzel — 1 pass book, $2.00 in cash, pipe, match safe and key, delivered to Mrs. S. Schmidt.

October 26, 1896. Thos. Holden — 1 knife, delivered to Con. Jerawly.

October 28, 1896. Chas. Janecke — 1 gold watch and chain, $42.00 in cash, 1 gold ring, keys, match box, pipe, blank book, 1 revolver, delivered to Kate M. Janecke (wife).

October 29, 1896. Fred Dehnert — 1 watch and chain, pass-book, $2.00 in cash, keys, 1 Saxony chain, 1 knife, delivered to Maria Dehnert.

October 30, 1896. Chas. Sommerhauser — 1 revolver, delivered to Chas. Sommerhauser.

October 31, 1896. J. C. Ewald — $7.85 cash, 2 pairs specs, notes, papers, and letters, delivered to J. C. Ewald, Jr. (son).

October 31, 1896. Jas. Woerner — 2 keys, 20 cents in cash, 1 knife, 2 handkerchiefs, delivered to Sophie Woerner (wife).

November 1, 1896. J. C. McMinn — 1 revolver, 10 cents cash, drug clerk license, memoranda book, lot papers, delivered to Edwin G. McMinn.

November 10, 1896. Henry Brinkmann — 1 gold watch, 18 cents in cash, 1 pair specs, 1 pipe, 1 handkerchief, delivered to C. Brinkmann.

November 11, 1896. M. Pietzch — $71.55 in cash, delivered to Wm. C. Richardson, Public Administrator.

November 12, 1896. J. M. Patton — 10 cents cash, letters and papers, delivered to Mrs. J. M. Patton (wife).

November 18, 1896. A. McKay — 1 revolver, delivered to J. A. Derr, deputy sheriff.

Novemoer 18, 1896. W. Dammon — $4.15 in cash, delivered to Wm. O. Meyer.

November 23, 1896. A. McKay — 1 revolver, delivered to A. McCoy.

November 26, 1896. J. D. Fargnher — 1 gold watch and cord chain, 1 K. of. P. charm, 1 diamond ring, 1 pair gold specks, 1 valise and contents, 1 suit of clothes, 1 overcoat, 1 pair shoes, 1 Derby hat, memorandum book and letters, delivered to Chris. Schawacker.

December 3, 1896. A. S. Fethermann — 1 watch and chain, 1 Odd Fellows pin, 1 knife, cash, 20 cents, 1 revolver and papers, delivered to Sophie Fethermann.

December 3, 1896. A. S. Keyes (colored) — 1 revolver, delivered to Geo. Decatur, on order of A. S. Keyes.

December 3, 1896. Geo. Davison — 1 revolver, delivered to Robt. P. Davison.

December 5, 1895. Alex. Cooper — $3.75 in cash, 1 pocketbook and papers, delivered to Grace Cooper.

December 7, 1896. Andy Langforth — 1 revolver, delivered to A. Langforth.

December 7, 1896. Wm. White — 1 revolver, delivered to Wm. White.

December 11, 1896. Ben Owens — 1 pocket book, 1 pawn ticket, 1 clinic card, 1 box pills, delivered to Julia Owens.

December 12, 1896. E. F. Sexton — 1 bottle whisky, 1 pair of gloves, books, papers, etc., 1 bunch keys, 2 knives, 1 A. O. U. W. button, 1 ring, 1 diamond pin delivered to Alice E. Sexton.

December 14, 1896. F. Appel — 1 trunk and contents, $5.90 cash, pawn ticket, pills, 1 watch, 1 key, delivered to Peter Strubel.

December 19, 1896. J. S. Wetherill — 1 gold watch and cord chain, 3 pocketbooks, $17.15 in cash, railroad tickets, papers, etc., old stamps and old coins, delivered to N. S. Clement.

December, 23, 1896. W. S. O'Rear — 1 pair cuff buttons, 1 pair sissors, 1 comb, 1 match box, 1 sleeve holder, letters and papers, $1.33 in cash, delivered to H. C. O'Rear.

December 23, 1896. Henry Holtgrewe — bank book showing deposit of $8,000 balance, 1 trunk and contents, 70 cents in cash, delivered to Wm. C. Richardson, Public Administrator.

December 23, 1896. Hy. Kemmerling — 1 pistol, delivered to F. Krickmeyer (brother-in-law).

December 24, 1896. Chas. Fitzpatrick — 1 trunk and contents, gold filled watch, 49 cents cash, note book, 3 keys, 1 rule, 1 knife, bolts, etc., 1 bundle of clothes, delivered to Cullinane Bros.

December 24, 1896. John Engold — 1 watch, 1 knife, delivered to Catherine F. Caffner.

December 26, 1896. E. Booth — 1 pair opera glasses, 1 watch and chain, $2.87 cash, mouth harp, 1 match box, 1 knife, 2 pocket books, 1 pair gloves, delivered to J. W. Booth (father).

December 28, 1896. R. Baumann — cash, $12.65, delivered to Mrs. K. Baumann.

January, 1897.

January 1, 1897. C. A. Weyrick — pass book and papers, 1 diamond stud, 2 studs, 2 collar buttons, 1 silver buckle, delivered to C. S. Weyrick.

January 3, 1897. C. D. Carpenter — 1 pocket-book, 1 pawn ticket for gun, 1 diary, letters, papers, etc., delivered to J. B. Carpenter.

January 4, 1897. Stella Palmer — 2 diamond rings, 1 locket, 1 bar pin, 1 key, 1 basket and contents, 1 bundle clothes, $6.65 in cash, delivered to Wm. C. Richardson, Public Adminstrator.

January 4, 1897. F. Stein — $20 cash, received from Planters Hotel, due him for work, delivered to Geo. J. Eberle for burial expenses.

January 4, 1897. P. J. Kinsella — 1 bundle of clothes, delivered to Mrs. Julia McGee.

January 8, 1897. J. M. Brown — 1 revolver, 1 valise and contents, 3 shirts, 3 books, soap box, socks and collars, pass book containing passes, diamond stud, gold ring, keys, eye-glasses, suit of clothes, delivered to Louis Bohle to be shipped.

January 9, 1897. Jno. Mittleberger — cash, $11, watch, keys, knife, match box, gloves, delivered to L. A. Barney.

January 9, 1897. H. M. Stone — cash, $3.60, delivered to G. A. Hoagland for Mrs. M. Hall.

January 15, 1897. F. Richter — knife, pass book, cash, 10 cents, whistle, match box, delivered to H. Richter.

January 15, 1897. Wm. Collins — 1 revolver, delivered to J. E. Boucock, deputy sheriff.

January 16, 1897. F. Heimberg — 1 watch and chain, 2 knives, delivered to F. Heimberg.

January 22, 1896. W. E. Jones — 1 cent cash, pass book, papers, 4 collar buttons, key, 1 knife, pawn ticket, railroad ticket, 1 revolver, delivered to O. H. Hagan.

January 29, 1897. Jas. A. Kehoe — 1 trunk and contents, delivered to Wm. C. Richardson, Public Administrator.

February 2, 1897. S. A. Dangler — 1 watch, 1 knife, keys, 25 cents in cash, delivered to George Krieghauser.

February 2, 1898. Fred Poertner—$18.55 in cash, 1 knife, tickets, 2 memorandum books, 1 ring, 1 stud, 1 pair mittens, delivered to Henry Poertner.
February 5, 1897. Wm. Harrington — 1 trunk and contents, delivered to Ida Dodge.
February 6, 1897. Aug. Bethge — 1 revolver, delivered to Aug. Boethge.
February 8, 1897. Carl Scheuermann — 1 trunk and contents, 2 $1,000.00 Policies on the Sons of Hermann, delivered to Wm. C. Richardson, Public Administrator.
February 10, 1897. J. Hammer — $1.26 cash, 1 knife, 1 watch, papers, 1 rule, match-box, delivered to Otto Hagelmann.
February 13, 1897. R. L. Scharp — 1 gold watch, 1 bunch keys, 1 pocket book, 67 cents cash, 1 interest note, delivered to Wm. C. Richardson, Public Administrator.
February 16, 1897. W. Bright — 1 revolver, delivered to U. B. Bright.
February 16, 1897. R. S. Sharp — 1 revolver, letters and papers, delivered to Andrew Ellison (brother-in-law).
February 18, 1897. F. Brown — 1 hypodermic case, delivered to Frank O'Connell.
February 23, 1897. Gus Amoreaux — 1 pistol, delivered to Gus. Amoreaux.
February 27, 1897. E. Hahmers — 1 valise and contents, delivered to Emma Burllmat.
February 27, 1897. Hy. Haring — cash, $8.06, delivered to Chris. Schawacker for burial expenses.
March 9, 1897. John H. Thompson — $17.40 in cash, 1 pocket book, delivered to Mrs. Maggie Thompson (wife).
March 12, 1897. Chas. E. Thompson — $3.40 in cash, 1 chain and charm, 2 knives, 1 comb, letters and papers, delivered to J. A. Schadrick (sister).
March 12, 1897. F. Palumbo — 1 razor, 1 knife, delivered to Michael Deelo.
March 12, 1897. Lititia Thomas (colored) — 1 gold watch, 3 gold rings, delivered to Wm. Thomas (son).
March 3, 1897. Walter Williams — 1 pistol, delivered to George Vaughn for W. Williams.
March 17, 1897. M. McMarrow — $2.95 in cash, 2 memorandum books, 1 trunk and contents, delivered to Martin McMarrow.
March 24, 1897. Chas. Krause — 1 knife, delivered to Chas. T. Noland, attorney.
March 25, 1897. J. P. Cornelius — 1 revolver, delivered to A. Langford, deputy sheriff.
March 26, 1897. Geo. Schmitt — 1 coat, 1 pair shoes, 1 grip and contents, delivered to Arthur Wheeler for Chris. Schawacker.
March 29, 1897. Geo. Johnson — 1 carpenter's tool chest and contents, 1 lot of clamps, 1 trunk and contents, delivered to Chris. Schawacker for burial expenses.
March 29, 1897. Dr. G. D. Purinton — Memorandum book, comb and case, 1 stud, 1 collar button, thermometer, 1 pair eye-glasses, papers and letters, cuff buttons, 1 pair gloves, 1 knife, and $3.45 in cash, delivered to A. L. Purinton.
March 31, 1897. Ferdinand Frey — 1 trunk and contents.
March 31, 1897. Geo. M. Edgardon — 1 trunk and contents.
March 31, 1897. Geland M. Hoyt — 1 trunk and contents.
March 31, 1897. Fred Stein — 1 satchel, and 1 grip and contents.
March 31, 1897. Frank Palumbo — 1 trunk and contents.
March 31, 1897. J. W. Johnson — 1 trunk and contents.
March 31, 1897. Henry Haring — 1 trunk and contents.
March 31, 1897. 1 Unknown — lady's trunk and contents.
March 31, 1897. Dick Gannatt — 1 trunk and contents.
March 31, 1897. Henry Olmann — 1 trunk and contents.
March 31, 1897. Chas. Abb — 1 trunk and contents.
March 31, 1897. H. E. Forman — 1 trunk and contents.
March 31, 1897. E. Fadden — 1 trunk and contents.
March 31, 1897. N. Koch — 1 trunk and contents.
March 31, 1897. Annie Tuft — 1 trunk and contents.
March 31, 1897. Aug. Schulz — 1 trunk and contents.
March 31, 1897. John Reynolds — 1 satchel and contents.
March 31, 1897. Fred. Termier — 1 satchel and contents.
March 31, 1897. G. G. Smith — 1 satchel and contents.

March 31, 1897. Unknown dead man — 1 satchel and contents.
Mrrch 31, 1897. Louis H. Rotenhagen — 1 grip and contents.
March 31, 1897. J. Machin — 1 satchel and contents.
March 31, 1897. F. Barades — 1 satchel and contents.
March 31, 1897. 1 Unknown — 1 satchel and contents.
March 31, 1897. Frank Miller — 1 satchel and contents.
March 31, 1897. Jaquien Caberers — 1 satchel and papers.
March 31, 1897. Unknown — 1 grip and contents.
March 31, 1897. Mrs. Nancy Cook — 1 trunk and contents.
March 31, 1807. Wm. M. Burnley — 1 box and contents.
March 31, 1996. Ed. O'Tool — 1 knife.
March 31, 1897. Hermann Klugman — 1 knife.
March 31, 1897. Owen Demling — 1 knife.
March 31, 1897. George Visiger — 1 knife.
March 31, 1897. Richard White — 1 knife.
March 31, 1897. Fannie Thomas — 1 small fire shovel.
March 31, 1897. John Porter — 1 chisel.
March 31, 1897. Barbara Kastle — 1 revolver.
March 31, 1897. Geo. H. Jacobs — 1 revolver.
March 31, 1897. Herman Duenhart — 1 revolver.
March 31, 1897. Richard Johnson — 1 revolver
March 31, 1897. Fred Walker — 1 revolver.
March 31, 1897. Mathias Kivinger — 1 revolver
March 31, 1897. Eddie Cole — 1 knife.
March 31, 1897. Thomas Finnegan — 2 chisels.
March 31, 1897. Thomas Finn — 1 knife.
March 31, 1897. Sam Williams — 1 dirk.
March 31, 1897. George Doetzel — 1 knife.
March 31, 1897. Ree Wheaton — 1 poker as evidence
March 31, 1897. Chas. Stocker — 1 knife.
March 31, 1897. Wm. Wade — 1 revolver.
March 31, 1897. Robert Bailey — 1 revolver.
March 31, 1897. Henry Teagne — 1 revolver.
March 31, 1897. Nelson Muth — 1 revolver.
March 31, 1897. John Schwearing — 1 revolver.
March 31, 1897. Henry Erb — 1 revolver.
March 31, 1897. Fred Jacko — 1 revolver.
March 31, 1897. Donata Fiorlele — 1 revolver.
March 31, 1897. Errsasmus Frederick — 1 revolver
March 31, 1897. John Dearing — 1 revolver.
March 31, 1897. Liza Neal — 1 revolver.
March 31, 1897. George W. Galain — 1 revolver.
March 31, 1897. John Boland — 1 revolver.

W J WAIT,
Coroner.

Dr. H. Lloyd, *Deputy.*
Theo. Gast, *Deputy.*
Dr. J. M. Rader, *Clerk.*

ANNUAL REPORT

OF THE

CHIEF OF THE FIRE DEPARTMENT,

For the Fiscal Year ending March 31, 1897.

MAY 1st, 1897.

Hon. Henry Ziegenhein, Mayor:

DEAR SIR — In compliance with the provisions of the City Charter and ordinance governing the Fire Department, I beg leave to submit my annual report for the fiscal year ending March 31st, 1897, the fortieth year of the paid Fire Department:—

The report sets forth in detail the expenditures, the loss by fire, and, as near as we can ascertain, the loss to insurance companies. Also the strength and present condition of the Department, together with my recommendations for its further efficiency. Also appended is the report of the Superintendent of Fire and Police Telegraph, the report of the Veterinary Surgeon, and the report of the Finance Committee of the Board of Trustees of the Firemen's Pension Fund for the calendar year ending December 31st, 1896.

EXPENSE. — Under the various items of expense, it will be found that the total expenditure for the maintenance of the Department was $643,601.11; this amount includes the purchase of one new steam fire engine, one new hook and ladder truck, two new hose wagons, and two new hauling wagons.

The report will also show that the sum of $2,627.64 was turned into the municipal revenue for the sale of condemned property.

FIRE STATISTICS. — The loss by fire for the year, as will appear by the report hereunto attached, was $1,385,168; the insurance on same was, $7,798,569; and the loss to insurance companies was $1,346,817, making a per capita loss of $2.16. The property involved amounted to $9,033,634. During the year the Department responded to 1,536 alarms.

FORCE OF DEPARTMENT. — The force, as fixed by ordinance, consists of a Chief of Department, one first assistant and eight district assistants, a secretary, an assistant secretary, 49 foremen, 46 assistant foremen, 35 engineers, 35 firemen of engines, 84 drivers, 92 pipemen, 65 hook and ladder men, 17 fuel wagon men and 34 watchmen. The force required for 35 engine companies, 3 chemical engine companies, 11 hook and ladder companies, 9 fuel wagons, and 1 watchman for each of the 34 engine houses now in commission, making a total force of 469 men and officers.

Apparatus in Service.— The Department has the following apparatus in active service: 35 steam fire engines, 1 double tank chemical engine, 11 hose wagons equipped with chemical tanks, 8 combination hose carriages with spool and chemical tank, and 16 ordinary hose carriages; 11 hook and ladder trucks, of which four are of the aerial turn-table pattern, 2 water towers, 9 fuel wagons, and 11 officers' wagons, all fully equipped.

Apparatus in Reserve.— The Department has the following apparatus in reserve: 8 steam fire engines, 3 double tank chemical engines, 2 hook and ladder trucks, 5 hose carriages, 1 light spring wagon and 3 officers' wagons.

Hose.— The Department has on hand 35,000 feet 2½″ rubber hose coupled, 17,000 feet 2½″ cotton rubber-lined hose coupled, and 6,500 feet of 1″ rubber chemical hose, all in good condition, and 4,000 feet 2½″ rubber, and 3,000 feet 2½″ cotton hose unfit for engine service.

Horses.— The horses have been carefully attended by the Veterinary Surgeon, and, as his report will show, are in excellent condition. There are at present 225 horses in service.

Engine Houses.— The majority of the houses are in very good condition, repairs having been made when possible, with the small appropriation allowed for that purpose.

Recommendations.— In my estimate to the Comptroller, for the fiscal year ending March 31st, 1898, I recommended that an appropriation be made and set aside for the purchase of a lot of ground, and building an engine and truck house in the vicinity of Ninth and Buchanan streets. There is urgent necessity for protection in this locality, owing to the increase of growing manufacturing interests, and the large lumber yards on the river front; the nearest engine house is at least a mile, and the nearest truck, two miles from the above named district. I renew my recommendation for the erection of an engine house in the vicinity of Taylor and Maryland avenues, as there are many costly residences in this district and the nearest engine house so far distant, that, when a fire occurs, it is almost impossible to save the building from entire destruction.

I would also renew my recommendation for the erection of a truck house on the lot of ground owned by the city, adjoining engine house No. 20, 4551 North Broadway.

I would also respectfully recommend that engine house No. 6 be not removed from its present location. This house is located in the center of the wholesale dry goods district, and a better location for the protection of this district cannot be found. There is at present a bill pending before the Municipal Assembly for the removal of this house, and I sincerely hope it will not pass.

I would also respectfully recommend the addition of two men to every engine and truck company. In the district where the companies have but eight men, with one man taking the day off allowed by ordinance, and the other men taking their regular meal hours, it often leaves the companies with only the necessary men to man the apparatus in case of fire. The companies now having ten men should be brought up to the standard, by the addition of two men to each company.

Accidents.— During the year accidents occurred to various members while in discharge of their duties, as follows: slight 34, severe 23, serious 22, and fatal 1.

Inspection of Buildings.— The system of building inspection inaugurated by me two years ago has proven a success and of great value to the Department. The foreman and assistant foremen are required to inspect all buildings in their respective districts once a month, and report in writing the location of hatchways, stairways, elevators, etc. During the year 5,974 buildings were inspected.

Discipline.— I am more than pleased to report that the efficiency of the Department has been excellent. Never before in the history of the Department were men more tried out in devotion to duty, than on the memorable night following the terrible tornado of May 27th, 1896. During the night and two days following, two-thirds of the entire force were at work rescuing the injured and recovering the dead, and answering alarms throughout the district of the tornado's path, which covered a mile wide running from the western limits to the river on the east. The work done has now passed into history, and a source of gratitude lies in the fact that during all this exposure the Department did not lose a single life.

An instance of this was the entire destruction of engine house No. 7, 1304 South 18th street. Here two horses were killed, and the apparatus badly damaged, the men fortunately escaping.

Fines for the violation of the Department Rules were imposed to the amount of $260.00 and various members lost 151 days pay while under suspension. It was also found necessary to make changes for the good of the service as follows: tranfers 95, promotions 23, and dismissals 5.

Deaths.— But five deaths occurred during the year, four from natural causes and one by accident.

Conclusion.— In conclusion, my thanks are due your Honor, the Municipal Assembly, and the financial officers of the city for courtesies extended me in equipping the Department, to Mr. Silas Benedict, Superintendent of Fire and Police Telegraph, to Mr. A. J. O'Reilly, Superintendent of City Lighting, to the Chief of Police and his assistants, to Mr. H. C. Henley, Chief of Inspectors of the Board of Underwriters, and to Mr. Chas. Evans, Superintendent of the Underwriters Salvage Corps; to all of these gentlemen I extend my sincere thanks for their co-operation in my interests, and finally to the officers and men of this Department, I extend my heartfelt thanks for the prompt and intelligent manner in which my instructions have been carried out.

Very respectfully submitted,

C. E. SWINGLEY,
Chief of Department.

REPORT OF H. F. JAMES, M. D., VETERINARY SURGEON.

May 1st, 1897.

Charles E. Swingley, Esq., Chief of Department:

Dear Sir — I have the honor to submit my annual report as to the condition of the horse service of the Department during thefiscal year ending March 31 1897: —

We purchased 58 new horses, condemned and sold 48 horses as unfit for further fire duty, and lost 13 horses during the year. Of these 13 horses, 3 owed their deaths to the tornado, and 4 to fatal accidents at other times, leaving 6 deaths from ordinary diseases, chiefly pneumonia in the unacclimated stock. This is a loss from disease of about 2⅗ per cent on the total of 225 horses owned by the Department, as compared to 4½ per cent of deaths from disease during the first year of your administration, and 8 per cent of deaths from disease during the last year of your predecessor's administration.

We may possibly reduce even this $2\frac{3}{5}$ per cent mortality during the coming year, but I think it is more likely to stand as a record of low mortality in fire horses, not only in St. Louis, but for the other large cities of the country.

One outbreak of contagious pneumonia and one outbreak of pinkeye (both promptly stamped out by thorough disinfection), took place during the year.

The hospital building for sick and injured horses has been repaired and placed in a better condition; the requisitions for medicines have been promptly honored, and a well stocked pharmacy in the hospital building forms an efficient base of medical supplies for the Department.

The feed has been up to the requisitions in most cases, and all inferior stuff has been promptly thrown back on the hands of the contractor. The Department has refused, and will continue to refuse, any patronage to horseshoers who are not members of the regular associations.

The policy adopted two years ago of employing only organized labor; condemning horses over fifteen years of age when possible; severe examination as to soundness before purchase of new horses; pure food; regular exercise when no runs have been made the night before; the cessation of the pernicious custom of "plugging off" steaming horses with cold water, has proven so satisfactory in its results that it is only wise to keep this policy still vigorously enforced.

In conclusion, I would urge upon you the desirability of our being allowed to purchase fire stock on open market, whenever and wherever we find good horses for our purpose. It would cost the city very little (if anything) more, and give us a much greater average of special adaptability to departmental needs than is possible under our present contract system.

Respectfully,

H. F. JAMES, M. D.,

Veterinary Surgeon Fire Department.

STATEMENT OF THE BOARD OF TRUSTEES OF THE FIREMEN'S FUND FOR THE YEAR ENDING DECEMBER 31ST, 1897.

To cash balance January 1, 1896	$7,424 32	
Receipts.		
Monthly dues from members	$5,089 07	
Fines	300 00	
Cistern account	160 00	
Donations	352 00	
Interest	5,194 33	
City of St. Louis	6,838 78	
Principal on loans	7,680 00	$33,038 50
Disbursements.		
Pension pay-roll	$11,911 86	
Funeral expenses	684 00	
Salaries	600 00	
Treasurer's bond	250 00	
Miscellaneous	13 50	
Bonds purchased	7,800 00	
Premium on same	156 38	
Accrued interest on same	78 97	
Loans on real estate	9,940 00	31,434 71
Cash balance January 1, 1897		$1,603 79

Assets.

U. S. Bonds, 4 per cents	$4,400 00	
St. Louis City bonds, 3.65 per cents	32,500 00	
Real estate loans	67,820 00	
Fifth National Bank claim	53 60	104,773 60
Total amount of fund January 1, 1897		$106,377 39

Pension Roll.

Widows	16
Minor children	26
Retired men	6
	48

E. J. GROSS,
Sec'y Board of Trustees.

The city is divided into eight districts; the companies in each district are under the command of an Assistant Chief, as follows:—

District.	Headquarters.	Engine Companies.	Hook & Ladder Cos.	Chemical Engine Cos.	Water Tower Cos.	Fuel Wagons.
1	Engine House No. 23	9-12-13-18-23	6-7	....	2	6-7
2	Engine House No. 17	17-26-28-30	9	....	....	....
3	Engine House No. 1	1-2 3-11-34	1-11	....	....	4-5
4	Engine House No. 15	6-15-16-22	3-4	1	....	2
5	Engine House No. 19	8-19-20-26-31	....	....	....	....
6	Engine House No. 25	4-5-25-32	2-8	....	1	3-8
7	Engine House No. 7	7-10-14-24	....	....	....	....
8	Engine House No. 21	21-29-33-35	5-10	....	....	1-9

ORGANIZATION OF THE FIRE DEPARTMENT.

Headquarters, 816–818 N. Seventh Street.

CHARLES E. SWINGLEY,
Chief of Department.

EUGENE J. GROSS	First Asst. Chief.
THOS. W. RUCKER	Asst. Chief Commanding 1st Dist.
JOHN F. BARRY	Asst. Chief Commanding 2d Dist.
BENJ. FATH	Asst. Chief Commanding 3d Dist.
THOMAS HAINES	Asst. Chief Commanding 4th Dist.
WM. F. HILLENKOETTER	Asst. Chief Commanding 5th Dist.
ANDREW COUGHLIN	Asst. Chief Commanding 6th Dist.
AUGUST THIERRY	Asst. Chief Commanding 7th Dist.
WM. BUSCH	Asst. Chief Commanding 8th Dist.
C. T. MOSS	Department Secretary.
BEN. E. SWINGLEY	Asst. Secretary.

ENGINE COMPANY NO. 1.

McNair Avenue near Gravois Avenue.

MEMBERS.	POSITION.	RESIDENCE.
Jas. W. McCullough	Foreman	2706 S. 11th st.
Mathew Maloney	Asst. Foreman	2418 McNair av.
Geo. Kaltenthaler	Engineer	2220 S. 12th st.
Edw. T. Johnson	Fireman	2227 Jule st.
Jno. W. Kendall	Driver	2235 McNair av.
Wm. Ellenberger	Driver	2926 Michigan av.
Chas. Schanbusch	Pipeman	2433 McNair av.
Chas. H. Schmidt	Pipeman	3122 S. 9th st.
Wm. Meany	Watchman	1218 Park av.

ENGINE COMPANY NO. 2.

129 W. Krauss Street.

MEMBERS.	POSITION.	RESIDENCE.
Andrew R. Tayon	Foreman	6421 Minnesota av.
Chas. C. Smith	Asst. Foreman	129 Krauss st.
Henry Westerman	Engineer	6820 Michigan av.
Mathew Ward	Fireman	6633 Minnesota av.
Wm. A. Scherf	Driver	3243 Indiana av.
Philip Conway	Driver	7114 Minnesota av.
Wm. J. Coan	Pipeman	209 W. Schirmer st.
Robt. Bebee	Pipeman	6718 Virginia av.
Edward Murphy	Watchman	7210 Pennsylvania av.

ENGINE COMPANY NO. 3.

3648 S. Broadway.

MEMBERS.	POSITION.	RESIDENCE.
Fred'k W. Kossman	Foreman	3706 Salena st.
Jno. C. Wagner	Asst. Foreman	3617 Iowa av.
Jno. C. Meyers	Engineer	3709 Wisconsin av.
Stephen Harke	Fireman	313 Lami st.
Rudolph Ufen	Driver	3129 California av.
Geo. Fey	Driver	3324 Salena st.
Ben J. Hill	Pipeman	2027 Miami st.
Evan Ogan	Pipeman	131 Cherokee st.
Nicholas Schultz	Watchman	Cleon and Miami.

ENGINE COMPANY NO. 4.

Twenty-Second and Wash Streets.

MEMBERS.	POSITION.	RESIDENCE.
Arnold Bowers	Foreman	5337 Easton av.
Geo. R. Wolf	Asst. Foreman	3509 Cass av.
Michael J. O'Brien	Engineer	1438 N. 24th st.
Jos. A. Cuolahan	Fireman	4443 N. Market st.
Jas. M. Sullivan	Driver	1625 Cass av.
Maurice Dillon	Driver	2915 Benton st.
Jas. F. King	Pipeman	4575 Easton av.
Frank Reedy	Pipeman	2634 Dickson st.
John Cronan	Pipeman	1802½ N. Jefferson av.
Oscar Buckman	Watchman	1346 N. King's highway.

ENGINE COMPANY NO. 5.

2400 N. Twenty-second Street.

MEMBERS.	POSITION.	RESIDENCE.
Thos. M. Kelley	Foreman	1422 N. 23d st.
Geo. E. Gundacker	Asst. Foreman	282 Madison st.
Edward Hogan	Engineer	1536 N. 16th st.
Edward Dempsey	Fireman	4315 St. Louis av.
John Shea	Driver	2244 Warren av.
Wm. How	Driver	2825 Madison st.
Henry J. Hoevel	Pipeman	2212 N. Market st.
Jno. H. Klug	Pipeman	5316 Conde st.
Wm. McCaw	Watchman	2743 Madison st.

ENGINE COMPANY NO. 6.

216 N. Seventh Street.

MEMBERS.	POSITION.	RESIDENCE.
Thos. Fitzpatrick	Foreman	216 N. 7th st.
Robt. Russell	Asst. Foreman	4010 Laclede av.
Patrick McCarty	Engineer	2132 Carr st.
Aug. C. Schaefer	Fireman	2509 N. 10th st.
John L. Collier	Driver	1330 N. 19th st.
Philip S. Lanham	Driver	1334 LaSalle st.
Jos. F. O'Brien	Pipeman	2623 Thomas st.
Wm. Voss	Pipeman	2245 Warren st.
Byron B. Brown	Pipeman	924 Market st.
John Finnerty	Watchman	4329 Blair av.

ENGINE COMPANY NO. 7.

1304 S. Eighteenth Street.

MEMBERS.	POSITION.	RESIDENCE.
George W. Smith	Foreman	2223 California av.
Godfrey Werges	Asst. Foreman	2242 Shenandoah st.
Joel Utley	Engineer	1715 Park av.
Michael Hanley	Fireman	2923 Shenandoah st.
John Kennedy	Driver	1716 Dolman st.
Chas. T. Miller	Driver	2134 Grattan st.
Wm. J. Curson	Pipeman	1223 Grattan st.
Chas. A. Eckert	Pipeman	1103 S. Jefferson av.
Wm. J. Burns	Pipeman	419 S. 14th st.
Edw. Schneider	Watchman	2121 Victor st.

ENGINE COMPANY NO. 8.

1501 Salisbury Street.

MEMBERS.	POSITION.	RESIDENCE.
Geo. R. Allers	Foreman	1210 Benton st.
Fred'k Luke	Asst. Foreman	3824 Blair av.
Henry Bruning	Engineer	3719 N. 20th st.
Patrick Mallon	Fireman	4154 Pleasant st.
J. F. Ryan	Driver	3955 N. 11th st.
Bart Wetzel	Driver	2025 Penrose st.
Casper Wigge	Pipeman	2113 Bremen av.
Fred'k C. Reimler	Pipeman	1901 Hebert st.
Wm. Kamper	Watchman	4403 N. 20th st.

ENGINE COMPANY NO. 9.

S. W. Cor. Eighth and Mullanphy Streets.

MEMBERS.	POSITION.	RESIDENCE.
Henry T. Bridge	Foreman	4321 Blair av.
Michael Doran	Asst. Foreman	1416 Franklin av.
Patrick J. Lynch	Engineer	2418 Howard st.
Owen Smith	Fireman	3912 Lincoln av.
Patrick Burke	Driver	1432 N. 9th st.
John L. Miller	Driver	2203 N. 12th st.
Evin F. McGregor	Pipeman	2917 Montgomery st.
Chas. F. Ofenstein	Pipeman	5868 Easton av.
Jas. P. Sheeran	Pipeman	1425 Carroll st.
Thomas Colgan	Watchman	4312 N. Broadway.

ENGINE COMPANY NO. 10.

N. E. Cor. Jefferson Avenue and Walnut Street.

MEMBERS.	POSITION.	RESIDENCE.
Geo. W. Hall	Foreman	213 S. Leffingwell av.
Jno. F. McDonald	Asst. Foreman	2720 Clark av.
Peter W. Cleary	Engineer	221 S. Jefferson av.
John Hines	Fireman	2334 Walnut st.
Bryan King	Driver	2615 Walnut st.
John Quinn	Driver	3505 Clark av.
Robt. A. Young	Pipeman	4239 Blaine av.
James Wren	Pipeman	2327 LaSalle st.
Frank J. Fitzgerald	Pipeman	1710 Papin st.
Thomas Murray	Watchman	212 S. 23d st.

ENGINE COMPANY NO. 11.

2400 Bismark Street.

MEMBERS.	POSITION.	RESIDENCE.
John Judge	Foreman	1026 Dolman st.
Wm. Hawkins	Asst. Foreman	1833 Park av.
Adam Ott	Engineer	325 Anna st.
Wm. L. Fader	Fireman	1833 Park av.
Fred'k Balz	Driver	2410 S. 3d st.
August Bayers	Driver	2341 S. 7th st.
Louis H. Schrieber	Pipeman	2815 McNair av.
John Karb	Pipeman	1418 Grattan st.
Henry Nouss	Watchman	2716 S. 13th st.

ENGINE COMPANY NO. 12.

818 N. Seventh Street.

MEMBERS.	POSITION.	RESIDENCE.
John Malloy	Foreman	1918 Biddle st.
Patrick Bergin	Asst. Foreman	1431 Cleary av.
Wm. Sederberg	Engineer	1432 O'Bear av.
Jas. B. Owens	Fireman	818 N. 7th st.
Frank O'Laughlin	Driver	2317 Division st.
John Horey	Driver	1024 N. 22d st.
Mathew S. Kelly	Pipeman	1327 S. 6th st.
Herman A. Juelg	Pipeman	3831 Indiana av.
Francis L. Smith	Pipeman	3947 Fairfax av.
Peter Finnegan	Watchman	

ENGINE COMPANY NO. 13.

1015 N. Eleventh Street.

MEMBERS.	POSITION.	RESIDENCE.
Wm. Wand	Foreman	908 Tyler st.
Jno. Ferris	Asst. Foreman	2425 Laflin av.
Albert Crouch	Engineer	1007 Brooklyn st.
Patrick Doyle	Fireman	1520a N. 11th st.
Chas. F. Richmann	Driver	1919 Warren st.
John Barrett	Driver	1327 Webster av.
Patrick Killcullen	Pipeman	1923 1-2 Carr st.
Wm. Schuster	Pipeman	1805 N. 18th st.
Edw. L. Alt	Pipeman	1226 S. 9th st.
David Duffy	Watchman	1407 N. 11th st.

ENGINE COMPANY NO. 14.

1425 Market Street.

MEMBERS.	POSITION.	RESIDENCE.
Martin J. Tierney	Foreman	1436 Hogan st.
Frank Buder	Asst. Foreman	3819 Marine st.
Andrew Forrest	Fireman	1120 Grattan st.
Hugh Maroney	Driver	2212 Walnut st.
Wm. B. Findlay	Driver	313 S. 23d st.
John J. Flood	Pipeman	3824 Laclede av.
Frank B. Arrow	Pipeman	4432 Lucky st.
Louis P. Joerder	Pipeman	2704 Laclede av.
James Fitzgerald	Watchman	7 N. 15th st.

ENGINE COMPANY NO. 15.

415 S. Broadway.

MEMBERS.	POSITION.	RESIDENCE.
Thos. J. Lynch	Foreman	918 S. 14th st.
Dan'l O'Connell	Asst. Foreman	2814 S. 9th st.
James Butler	Engineer	914 Penrose.
Chas. Wassmer	Fireman	1011 S. 11th st.
Jas. McGillick	Driver	813 Carr st.
Edw. Green	Driver	1606 Helen st.
Albert House	Pipeman	2025 S. Broadway.
Fred. G. Bohley	Pipeman	310 Olive st.
John Angelo	Pipeman	514 St. Anthony st.
George Schoppe	Watchman	2215 S. 3d st.

ENGINE COMPANY NO. 16.

1337 S. Broadway.

MEMBERS.	POSITION.	RESIDENCE.
Thos. Callahan	Foreman	1322 S. 2d st.
Adolph Hunt	Asst. Foreman	3909 S. Iowa av.
Bernard Brueggeman	Engineer	1436 S. 10th st.
Lawrence Firmbach	Fireman	3518 S. Broadway.
Jas. H. Heidenry	Driver	307 S. 21st st.
Edw. B. Stanley	Driver	1422 Menard st.
Wm. O'Donnell	Pipeman	1920 Penn st.
Albert Weber	Pipeman	3620A S. Broadway.
George Ost	Pipeman	2620 Keokuk st.
Jos. McCarty	Watchman	1415 S. Grand av.

ENGINE COMPANY NO. 17.

3220 Easton Avenue.

MEMBERS.	POSITION.	RESIDENCE.
Peter Ahearn	Fireman	3864 Page av.
Wm. Gleason	Asst. Foreman	2523 N. Market st.
Henry Budde	Engineer	4240 Easton av.
Chas A. Crowley	Fireman	1701 Bacon st.
James Branigan	Driver	3711 Lucky st.
James Warden	Driver	1325 Prairie av.
Wm. Thornhill	Pipeman	2408 Dickson st.
Richard O'Neil	Pipeman	1900 Laflin av.
August Philips	Watchman	3533 Cozzens av.

ENGINE COMPANY NO. 18.

816 N. Seventh street.

MEMBERS.	POSITION.	RESIDENCE.
J. Ammon	Foreman	816 N. 7th st.
James A. Adams	Asst. Foreman	3319 Franklin av.
John Latty	Engineer	5044 Easton av.
John Carroll	Fireman	4446 Swan av.
Frank A. Parina	Driver	3417 Olive st.
James Green	Driver	1210 N. 9th st.
Edw. F. Kirkham	Pipeman	2629 Stoddard st.
Lewis Berger	Pipeman	1119½ N. 9th st.
Wm. J. Garvin	Pipeman	2701 Osage st.

ENGINE COMPANY NO. 19.

1120 St. Louis Avenue.

MEMBERS.	POSITION.	RESIDENCE.
J. Henry Hillenkoetter	Foreman	2822 N. 15th st.
Frank Israel	Asst. Foreman	3728 N. 25th st.
Nelson F. Lyons	Engineer	1126 St. Louis av.
Claude D. Shepard	Fireman	1123 St. Louis av.
John J. Doyle	Driver	1117 St. Louis av.
Mathias Horning	Driver	1109 St. Louis av.
Ira F. Butler	Pipeman	1534 Warren st.
John Niehaus	Pipeman	4162 Pleasant st.
James A. King	Watchman	1107 Montgomery st.

ENGINE COMPANY NO. 20.

4551 N. Broadway.

MEMBERS.	POSITION.	RESIDENCE.
Henry Kiener	Foreman	4557 N. Broadway.
Geo. T. Smith	Asst. Foreman	4126 Pleasant st.
Henry Saisselin	Engineer	2223 Carr st.
Fred'k Ebmeyer	Fireman	4330 N. 20th st.
Titus Williams	Driver	4425 Blair av.
Patrick Powers	Driver	1121 Newhouse av.
James J. Hade	Pipeman	4500 N. Broadway.
John C. Ernst.	Pipeman	4210 Pleasant st.
Michael Keenoy	Watchman	1524 N. 9th st.

ENGINE COMPANY NO. 21.

3517 Manchester Avenue.

MEMBERS.	POSITION.	RESIDENCE.
Michael J. Lyons	Foreman	1417 S. 10th st.
Daniel Small	Asst. Foreman	2638 Little Market st.
John W. Sandford	Engineer	3744 Olive st.
Chris Paffhausen	Fireman	1809 N. Market st.
Henry F. Burleigh	Driver	3210 Chouteau av.
James Early	Driver.	2517 Prairie av.
Patrick Scannell	Pipeman	4219 Vista av.
Wm. J. Roche	Pipeman	403 S. Garrison av.
Jason S. Skinner	Watchman	3101 Clark av.

ENGINE COMPANY NO. 22.

116 Plum Street.

MEMBERS.	POSITION.	RESIDENCE.
Wm. Benninger	Foreman	2307 S. 10th st.
John F. Belrose	Asst. Foreman	1302 2d Carondelet av.
Jos. A. Hartung	Engineer	2264 Missouri av.
Wm. E. McManus	Fireman	2830 Easton av.
John Hanmore	Driver	116 Plum st.
Henry Kern	Driver	624 S. 2d st.
Jeremiah Guiney	Pipeman	313 S. 2d st.
Ferd. F. Geise	Pipeman	1308 Arsenal.
Thos. O'Connor	Pipeman	1525 Veil place.
Jos. Russell	Watchman	1012 Walnut st.

ENGINE COMPANY NO. 23.

508 N. Third Street.

MEMBERS.	POSITION.	RESIDENCE.
Eugene F. McDonald	Foreman	2716 Clark av.
Chas. G. Clayton	Asst. Foreman	1312 Hogan st.
Wm. H. Marquis	Engineer	816 Mound st.
Wm. Murphy	Fireman	1213 Forster alley.
Fred'k M. Ebmeyer	Driver	1116 N. 9th st.
Theo. J. Wolff	Driver	717 S. 2d st.
Thos. Shields	Pipeman	7821 Minnesota av.
John E. O'Brien	Pipeman	2401 Elliot av.
Fred. L. G. Leich	Pipeman	1227 Merchant st.
James Carten	Watchman	3308 Laclede av.

ENGINE COMPANY NO. 24.

1214 Spruce Street.

MEMBERS.	POSITION.	RESIDENCE.
John O'Brien	Foreman	920 N. 22d st.
Frank J. Frankel	Asst. Foreman	1802 N. Leffingwell av.
John Collins	Engineer	1820 Belle Glade av.
Luke McFarland	Fireman	2323 La Salle st.
John Clark	Driver	1019 S. 13th st.
Frank Fahey	Driver	329 Plum st.
James Brushek	Pipeman	2939 Montgomery st.
John L. Churchill	Pipeman	906 Brooklyn.
Fred'k Sattel	Pipeman	2810 S. 18th st.
Julius Pillman	Watchman	501 S. Broadway.

ENGINE COMPANY NO. 25.

N. E. Corner Sixteenth and Mullanphy Streets.

MEMBERS.	POSITION.	RESIDENCE.
Alonzo B. Salmon	Foreman	Engine House.
Jos. Israel	Asst. Foreman	2813 Blair av.
Thomas Shea	Engineer	1108½ St. Louis av.
Joseph Backof	Fireman	2109½ Wash st.
Michael McNamara	Driver	3708 Lucky st.
Patrick O'Brien	Driver	2507½ Howard st.
Thos. Finnegan	Pipeman	3631 Lee av.
John Finn	Pipeman	2217 Mullanphy st.
August Wiese	Pipeman	1942 Hebert st.
Jno. McCormick	Watchman	3419 Manchester av.

ENGINE COMPANY NO. 26.

2100 N. Second Street.

MEMBERS.	POSITION.	RESIDENCE.
Henry Klunk	Foreman	914 Benton st.
Michael Kehoe	Asst. Foreman	1217 Tyler st.
John A. Warden	Engineer	2128 Carr st.
John Dowling	Fireman	1209 Howard st.
John Reidemeyer	Driver	3944 N. 20th st.
Henry Leeser	Driver	1126 St. Louis av.
Fredk. Wagner	Pipeman	4504 N. 19th st.
Daniel Steele	Pipeman	33 Fox place.
Andrew Sheridan	Watchman	4143 Pleasant st.

ENGINE COMPANY NO. 27.

4571 Easton Avenue.

MEMBERS.	POSITION.	RESIDENCE.
David Priess	Foreman	4129 Castleman av.
Edw. Mulick	Asst. Foreman	4709 St. Louis av.
Richard C. Wolf	Engineer	3132 Brantner place.
Richard Sullivan	Fireman	4555 N. Market st.
Wm. West	Driver	4569 Easton av.
John Green	Driver	5216 Cote Brilliante.
James W. O'Shea	Pipeman	1528 Belt av.
Jas. J. Heeney	Pipeman	1129 N. 24th st.
Seul. E. Hull	Watchman	4453 St. Ferdinand av.

ENGINE COMPANY NO. 28.

3934 Morgan Street.

MEMBERS.	POSITION.	RESIDENCE.
Paul R. Smith	Foreman	2709 Barnard st.
John F. O'Donnell	Asst. Foreman	6117 Gambleton pl.
James C. Gray	Engineer	1918 Morgan st.
John R. Smith	Fireman	3947 Fairfax av.
Thos. Maddox	Driver	4808 Hammet place.
Chas. S. McDonagh	Driver	4043 Morgan st.
Chas. McSorley	Pipeman	2810 Randolph st.
Michl. Reardon	Pipeman	7639 N. Broadway.
John A. Rice	Watchman	4347 Finney av.

ENGINE COMPANY NO. 29.

1219 Old Manchester Road.

MEMBERS.	POSITION.	RESIDENCE.
Chas. H. King	Foreman	1804 Boyle av.
Jas. S. Kelly	Asst. Foreman	4216 Norfolk av.
Geo. W. Geasland	Engineer	4330 Vista av.
John Volk	Fireman	3519 Cozzens av.
John Hawe	Driver	1313 Boyle av.
Daniel Maloney	Driver	4344 New Manchester rd.
Alfred Altman	Pipeman	2940 Sheridan av.
A. A. Brandenberg	Pipeman	2414a Glasgow av.
Wm. King	Watchman	1140 Kentucky av.

ENGINE COMPANY NO. 30.

Vernon Avenue near Belt av.

MEMBERS.	POSITION.	RESIDENCE.
Michael Touhey	Foreman	4956 Easton av.
Jere Calahan	Asst. Foreman	4011 Fairfax av.
David Goodfellow	Engineer	Engine House.
Wm. Ward	Fireman	1146 Euclid av.
Patk. Stanton	Driver	1117 Hodiamont av.
Moritz Emig	Driver	1391a Belt av.
Chas. Sivadie	Pipeman	4801 Hammet place.
Ben Jewell	Pipeman	2715 Mills st.
Wm. Horstmeyer	Watchman	1463 Arlington av.

ENGINE COMPANY NO. 31.

Kussuth Avenue near Warne Avenue.

MEMBERS.	POSITION.	RESIDENCE.
Michael E. Furey	Foreman	1800 Elliot av.
Patrick Collins	Asst. Foreman	3900 Lincoln av.
John Fischer	Engineer	2909 Rauchenbach av.
Wm. F. Pilgrim	Fireman	1509 Anglerodt st.
John Welch	Driver	3955 Lincoln av.
Peter W. Simpson	Driver	4217 Prairie av.
Timothy Sullivan	Pipeman	4206 Margarette av.
E. J. Schlessinger	Pipeman	2007 Alice av.
W. H. Smith	Watchman	2305 S. Jefferson av.

ENGINE COMPANY NO. 32.

2000 Washington Avenue.

MEMBERS.	POSITION.	RESIDENCE.
John Sayers	Foreman	4221 Farlin av.
Mich'l J. Brennan	Asst. Foreman	3734 Lincoln av.
Louis J. Guitar	Engineer	2744 Allen av.
Wm. Toner	Foreman	2625 Missouri av.
Jos. F. O'Brien	Driver	1710 Sarah st.
Chris. Dummerth	Driver	212 S. 2d st.
Martin Tiernan	Pipeman	1017 N. Compton av.
Chas. V. Mankel	Pipeman	2213 N. 14th st.
Henry Goodejohann	Pipeman	3353 Indiana av.
Fred'k Siedekum	Watchman	813 N. Jefferson av.

ENGINE COMPANY NO. 33.

S. E. Cor. Park and Louisiana Avenues.

MEMBERS.	POSITION.	RESIDENCE.
Henry C. Shockey	Foreman	5357 Florissant av.
Alonzo Drain	Asst. Foreman	2625 Rutger st.
Perry Histed	Engineer	1314 LaSalle st.
Alex. J. Learmont	Fireman	2652 Caroline st.
John Sexton	Driver	214 S. Beaumont st.
Wm. T. Foley	Driver	3429 Walnut st.
Wm. J. Barnett	Pipeman	4048 Ashland pl.
Gavin Hamilton	Pipeman	2602 Thomas st.
John Hennessy	Watchman	2128 Adams st.

ENGINE COMPANY NO. 34.

N. W. Corner Broadway and Houck street.

MEMBERS.	POSITION.	RESIDENCE.
Dan'l Minahan	Foreman	1319 Dolman st.
G. M. Baumgartner	Asst. Foreman	6816 Pennsylvania av.
Sam'l Buchanon	Engineer	3443 S. Jefferson av.
Seth Little	Fireman	1230 Victor st.
John Schneider	Driver	7409 Pennsylvania av.
Louis Baumgartner	Driver	528 Poepping st.
Fred. Zimmerman	Pipeman	2849 Salena st.
John W. Conrad	Pipeman	6805 S. Broadway.
Adam Newman	Watchman	1351 Leffingwell av.

ENGINE COMPANY NO. 35.

S. E. Cor. Arsenal Street and Sublette Avenue.

MEMBERS.	POSITION.	RESIDENCE.
James Adams	Foreman	2435 McNair av.
Jno. Gartenbach	Asst. Foreman	2921 Virginia av.
Isaac Altstadt	Engineer	3505 Manchester av.
Wm. Cain	Fireman	5431 Old Manchester rd.
Wm. Curran	Driver	307 S. 2d st.
Jos. G. Byrnes	Driver	5416 Magnolia av.
Thos. Weaver	Pipeman	5099 Arsenal st.
Wm. Thomas	Pipeman	5738 South road.
Richard White	Watchman	5137 O'Dell av.

HOOK AND LADDER COMPANY NO. 1.

Located at Engine House No. 1.

MEMBERS.	POSITION.	RESIDENCE.
Cornelius Zellar	Foreman	2735 Armand st.
Charles Alt	Asst. Foreman	2124 Victor st.
Wm. J. Williamson	Driver	3120 Pennsylvania av.
Wm. Morgan	Ladderman	4258 Humphrey st.
Frank Gumenels	Ladderman	3450 Oregon av.
Geo. Seibert	Ladderman	2739 Arsenal st.
Henry Barth	Ladderman	2842 California av.
Seth Chapman	Ladderman	2431 McNair av.

HOOK AND LADDER COMPANY NO. 2.

Located at Engine House No. 5.

MEMBERS.	POSITION.	RESIDENCE.
John J. Howard	Foreman	2016 Division st.
Edw. L. Ohlman	Asst. Foreman	2322 Sullivan av.
George Herr	Driver	3736 Cottage av.
Patrick Larkin	Ladderman	1711 Monroe st.
Ben E. Shively	Ladderman	901 Garrison av.
Henry F. Krenning	Ladderman	2324 Sullivan av.
Geo. W. Thornhill	Ladderman	924 N. 22d st.
Robt. Burk	Ladderman	3423 Manchester rd.

HOOK AND LADDER COMPANY NO. 3.

Located at Engine House No. 6.

MEMBERS.	POSITION.	RESIDENCE.
Ole Olsen	Foreman	1044 Elliot av.
Chas. K. Holland	Asst. Foreman	2321 Olive st.
Wm. Hawe	Driver	3110 Franklin av.
Richard Vollker	Ladderman	2107 Salisbury st.
Henry W. Doeding	Ladderman	3911 N. 9th st.
Chas. Trube	Ladderman	1010 N. 9th st.
John J. Irwin	Ladderman	
Louis J. Schlagel	Ladderman	
Jos. E. Roche	Ladderman	
John Devine	Ladderman	3900 Lincoln av.

HOOK AND LADDER COMPANY NO. 4.

Located at Engine House No. 15.

MEMBERS.	POSITION.	RESIDENCE.
Wm. G. Panzer	Foreman	Engine House.
Paul Will	Asst. Foreman	2212 S. 18th st.
Cornelius McCarty	Driver	1907 Biddle st.
John Cahill	Ladderman	817 Walnut st.
Frank J. Doering	Ladderman	3535 S. 2nd st.
Wm. H. Dreher	Ladderman	2403 N. Prairie av.
Val Weisenburger	Ladderman	2326 Chippewa st.
Jos. J. Schweiger	Ladderman	406 S. 3rd st.
Thos. F. Kelley	Ladderman	1422 N. 22nd st.
John P. Koeln	Ladderman	8300 Vulcan st.

HOOK AND LADDER COMPANY NO. 5.

Located at Engine House No. 21.

MEMBERS.	POSITION.	RESIDENCE.
Jos. T. Boland	Foreman	3424 Clark av.
Alex Ruschenberg	Asst. Foreman	Engine House.
John Haley	Driver	4421 Cottage av.
Timothy Monohan	Ladderman	3614 Cass av.
Pat'k Stack	Ladderman	1803 O'Fallon st.
Lincoln Tijou	Ladderman	1417 Old Manchester rd.
Edw. J. Freimuth	Ladderman	613 Old Manchester rd.
Chas. E. Bent	Ladderman	3125 Chestnut st.

HOOK AND LADDER COMPANY NO. 6.

Located at Engine House No. 23.

MEMBERS.	POSITION.	RESIDENCE.
Jos. J. Gilfoil	Foreman	Engine House.
Fredk. A. Placke	Asst. Foreman	2129½ Wash st.
Andrew K. Kirk	Driver	806 Franklin av.
Patrick Conway	Ladderman	2330 Warren av.
Fred'k Doerr	Ladderman	1623 Wash st.
Wm. A. Cameron	Ladderman	1904 Division st.
Edw. McCarty	Ladderman	2018 S. 12th st.
Jno. R. Detweiler	Ladderman	3225 Locust st.
Geo. W. Hardesty	Ladderman	1519 Benton st.
Chas. H. Krenning	Ladderman	1444 Sullivan av.

HOOK AND LADDER COMPANY NO. 7.

Located at Engine House No. 9.

MEMBERS.	POSITION.	RESIDENCE.
Robert Corry	Foreman	2418 N. 19th st.
David Ebelmesser	Asst. Foreman	2826 Cass av.
Fred'k Schaffer	Driver	3433 Compton av.
Michael Hanlon	Ladderman	1409 O'Fallon st.
Geo. W. Broomfield	Ladderman	2416 N. Leffingwell av.
Peter F. Murphy	Ladderman	2414 Elliot av.
Isaac M. Kelly	Ladderman	4438 N. 14th st.
Fred H. Koelker	Ladderman	3323 S. 7th st.
Fred'k Fawcett	Ladderman	2700 N. 15th st.
Allen D. Reese	Ladderman	921 Salisbury st.

HOOK AND LADDER COMPANY NO. 8.

Located at Engine House No. 32.

MEMBERS.	POSITION.	RESIDENCE.
Alex P. Christie	Foreman	3003 Bacon st.
Ben. F. Letson	Asst. Foreman	839 S. 8th st.
Jas. J. O'Brien	Driver	2319 Hickory st.
Pat'k Buttermore	Ladderman	1408 Francis st.
Luke McConn	Ladderman	2649 Bernard st.
Frank McBride	Ladderman	4634 Bell av.
Wm. P. Teson	Ladderman	3722 Cozzens av.
Phillip Keegan	Ladderman	3005 Clark av.
Pat'k Winters	Ladderman	6202 Cheltenham av.
Edw. H. Grieve	Ladderman	3817 N. 23d st.

HOOK AND LADDER COMPANY NO. 7.

Located at Engine House No. 9.

MEMBERS.	POSITION.	RESIDENCE.
Robt S. Punshon	Foreman	4257 Garfield av.
David R. Rowe	Asst. Foreman	2949 Scott av.
John T. Maloney	Driver	3938 Morgan st.
Charles Corry	Ladderman	3909 Fairfax av.
Robt. Thornhill	Ladderman	3409 Manchester av.
Thomas Manion	Ladderman	3802 Finney av.
Michael McCormick	Ladderman	5005 Bell av.
Patrick Shea	Ladderman	1911 Coleman st.

HOOK AND LADDER COMPANY NO. 10.

Located at Engine House No. 35.

MEMBERS.	POSITION.	RESIDENCE.
John Finnegan	Foreman	
Thos. J. Farrell	Asst. Foreman	2708½ Sullivan av.
Louis P. Kaufman	Driver	3312 N. 11th st.
Edw. P. McEnany	Ladderman	5729 Arsenal st.
Henry Batz	Ladderman	2855 S. Jefferson av.
Octavius Pellaux	Ladderman	3132 Arsenal st.
John Mulvoy	Ladderman	5400 Old Manchester rd.
M. Yates	Ladderman	3120 Portis.

HOOK AND LADDER COMPANY NO. 11.

Located at Engine House No. 2.

MEMBERS.	POSITION.	RESIDENCE.
Wm. Connors	Foreman	216 Quincy st.
Edw. Devine	Asst. Foreman	6702 S. 7th st.
Michael Dundon	Driver	6805 Pennsylvania av.
John Morrison	Ladderman	8415 S. Broadway.
Wm. Mahoney	Ladderman	7303 S. 6th st.
Peter Franey	Ladderman	5509 S. 6th st.
John Buckley	Ladderman	6708 Pennsylvania av.
Ernst Schultz	Ladderman	2236 Osage st.

CHEMICAL ENGINE COMPANY NO. 1.

Located at Engine House No. 15.

MEMBERS.	POSITION.	RESIDENCE.
Adam Wirth	Foreman	2333 Adams st.
Chas. Clark	Driver	3441 Clark av.
Chas. C. Tilton	Pipeman	3446 Pennsylvania av.
Geo. F. Rucker	Pipeman	3105 Bell av.

WATER TOWER COMPANY NO. 1.

Located at Engine House No. 32.

MEMBERS.	POSITION.	RESIDENCE.
Conrad Heidenry	Foreman	4428 Cote Brilliante av.
John Shaughnessy	Driver	1126 Monroe st.
Chas. Phillips	Pipeman	1008 Cass av.
Geo. Kinderman	Pipeman	1701 N. 10th st.

WATER TOWER COMPANY NO. 2.

Located at Engine House No. 23.

MEMBERS.	POSITION.	RESIDENCE.
Frank Cudmore	Foreman	2325 Pine st.
Patrick Buckley	Driver	3642 Lucky st.
Jos. H. Mitchell	Pipeman	1423 N. Park place.
Edw. C. Lavin	Pipeman	3028 Cass av.

FUEL WAGON NO. 1.

Located at Engine House No. 21.

MEMBER.	RESIDENCE.	MEMBER.	RESIDENCE.
John Hines	3508 Clark av.	Mathew Dufore	3438 Walnut st.

FUEL WAGON NO. 2.

Located at Engine House No. 22.

MEMBER.	RESIDENCE.	MEMBER.	RESIDENCE.
Henry Bohanon	2417 S. Broadway.	Chris. McManus	3414 Clark av.

FUEL WAGON NO. 3.

Located at Engine House No. 5.

MEMBER.	RESIDENCE.	MEMBER.	RESIDENCE.
Charles Brooks	2211 Sullivan av.	Herman Bergman	2238 N. Market st.

FUEL WAGON NO. 4.

Located at Engine House No. 3.

MEMBER.	RESIDENCE.	MEMBER.	RESIDENCE.
Thos. Boughtman	2734 Texas av.	George Buetner	1936 President st.

FUEL WAGON NO. 5.

Located at Engine House No. 2.

MEMBER.	RESIDENCE.
Michael O'Brien	7310 S. Minnesota av.

FUEL WAGON NO. 6.

Located at Engine House No. 23.

MEMBER.	RESIDENCE.	MEMBER.	RESIDENCE.
Nicholas Mansfield	Engine House.	John Gleason	1427 N. 14th st.

FUEL WAGON NO. 7.

Located at Engine House No. 23.

MEMBER.	RESIDENCE.	MEMBER.	RESIDENCE.
Thos. Dolan	1809 1-2 N. Jefferson av.	George Koenig	928 Russell av.

FUEL WAGON NO. 8.

Located at Engine House No. 32.

MEMBER.	RESIDENCE.	MEMBER.	RESIDENCE.
Thos. Prout	1008 Cass av.	Michael O'Rourke	3535 Clark av.

FUEL WAGON NO. 9.

Located at Engine House No. 35.

MEMBER.	RESIDENCE.	MEMBER.	RESIDENCE.
James H. Busby	2136 Carr st.	Austin Shea	3842 Laclede av

DETAILED STATEMENT OF EXPENDITURES FIRE DEPARTMENT, FOR THE FISCAL YEAR ENDING MARCH 31, 1897.

FOR MATERIAL AND LABOR, REPAIRING BUILDINGS REQUIRING PROMPT ATTENTION.

April, '96.	Robert Paulus	Sundry carpenter work E. H. No. 1	$40 95
	T. B. Graham	Sundry plumbing work E. H. No. 23	13 73
	T. B. Graham	Sundry plumbing work E. H. No. 35	3 05
	T. B. Graham	Sundry plumbing work E. H. No. 32	22 07
	James A. Lynch	Sundry plumbing work E. H. No. 4	6 70
	James A. Lynch	Sundry plumbing work E. H. No. 15	8 23
	James A. Lynch	Sundry plumbing work E. H. No. 21	10 76
	James A. Lynch	Sundry plumbing work E. H. No. 13	12 52
	James A. Lynch	Sundry plumbing work E. H. No. 2	13 10
	James A. Lynch	Sundry plumbing work E. H. No. 19	13 21
	James A. Lynch	Sundry plumbing work E. H. No. 10	44 84
May, '96.	T. B. Graham	Sundry plumbing work E. H. Nos. 12 & 18	7 84
	T. B. Graham	Sundry plumbing work E. H. No. 7	12 38
	T. B. Graham	Sundry plumbing work E. H. No. 35	92 73
	James A. Lynch	Sundry plumbing work E. H. No. 15	3 40
	John J. Latal Roofing Co	Repair of roof No. 21	6 75
	John J. Latal Roofing Co.	Repair of roof No. 2	15 55
	Anchor Line Store	One barrel each pitch and tar E. H. No. 23	6 60
	Robert Paulus	Sundry carpenter work No. 11	20 90
	W. F. Cozzens Heating Co	Repair of smoke stack No. 5	47 00
June, '96.	G. H. Vautilburg	Roof guttering, etc., No. 25	9 50
	Abel and Gerhard Plumbing Co	Sundry plumbing work Nos. 12 and 18	1 55
	Abel and Gerhard Plumbing Co	Sundry plumbing work No. 10	6 35
	Abel and Gerhard Plumbing Co	Sundry plumbing work No. 20	7 70
	T. B. Graham	Sundry plumbing work No. 7	41 78
	James A. Lynch	Sundry plumbing work No. 22	6 33
	James A. Lynch	Sundry plumbing work No. 1	3 05
	John J. Latal Roofing Co	Repair of roof No. 20	23 75
	W. F. Cozzens Heating Co	Roof guttering, etc., No. 10	98 25
	Grimme and Doellner	Glazing at various E. H.	79 05
	Boeckler Lumber Co	10,000 ft. Y. P. flooring stock No. 5	117 50
	Fidel Ganahl	2,000 ft. rough boards No. 7	36 00
	Fidel Ganahl	800 ft. Oak boards No. 7	19 30
	Fidel Ganahl	5,000 ft. Oak flooring stock No. 5	92 45
July, '96.	G. H. Vautilburg	Repair of down spouts No. 25	10 00
	Abel and Gerhard	Sundry plumbing work No. 21	3 70
	Abel and Gerhard	Sundry plumbing work No. 19	8 30
	T. B. Graham	Sundry plumbing work Nos. 12 and 18	12 44
	Kupferle Bros. Mfg. Co	Repair of house heater No. 7	13 60
	W. T. and J. Barron	Bricklayers work No. 6	34 43
	W. F. Cozzens Heating Co	Repair of slate roof No. 9	15 00
	W. F. Cozzens Heating Co	Repair of slate roof No. 29	31 65
	W. F. Cozzens Heating Co.,	Repair of down spouts No. 15	86 52
	Richard Brown	Removing of debris No. 7	170 00
	C. Linnenkohl	Sundry carpenter work No. 10	57 65
	C. Linnenkohl	Sundry carpenter work No. 22	256 36
	Robert Paulus	Sundry carpenter work No. 35	69 90

July, '96.	Robert Paulus......Plumbing and sundry carpenter work No. 33	$73 58
	Robert Paulus...Bricklaying and sundry carpenter work No. 3	97 85
	Robert Paulus..............Repair of roof, etc., No. 34	163 15
	Robert Paulus...............Repair of roof, etc., No. 1	115 71
Aug., '96.	Abel and Gerhard.........Sundry plumbing work No. 22	83 58
	Abel and Gerhard.........Sundry plumbing work No. 32	17 35
	Abel and Gerhard.........Sundry plumbing work No. 10	13 85
	Abel and Gerhard.........Sundry plumbing work No. 21	13 40
	Abel and Gerhard..Sundry plumbing work Nos. 12 and 18	9 41
	W. F. Cozzens Heating Co., Repair of down spouts No. 26	38 70
	W. F. Cozzens Heating Co., Repair of down spouts No. 23	58 00
	W. F. Cozzens Heating Co., Repair of down spouts No. 32	78 86
	John S. Latal Roofing Co ....Repair of roof E. H. No. 1	12 00
	T. B. Graham.............Sundry plumbing work No. 9	7 70
	T. B. Graham.....Sundry plumbing work Nos. 12 and 18	152 78
	T. B. Graham............Sundry plumbing work No. 23	14 45
	T. B. Graham............Sundry plumbing work No. 27	6 56
	Mound City Hardware Co...10 kegs 20-penny nails stock No. 6	34 00
Sept., '96.	W. H. Brothers...................Repair of roof No. 17	8 00
	W. F. Cozzens Heating Co.........Repair of roof No. 13	29 05
	T. B. Graham...........Sundry plumbing repairs No. 2	6 91
	T. B. Graham...........Sundry plumbing repairs No. 3	12 93
	T. B. Graham..........Sundry plumbing repairs No. 28	6 22
	Philip Gruner Bros. Lumber Co..1,000 feet Y. P. flooring No. 5	20 00
	Philip Gruner Bros. Lumber Co...1,100 feet W. G. flooring No. 27	17 60
	Philip Gruner Bros. Lumber Co....60 pieces oak flooring No. 24	18 00
	Philip Gruner Bros. Lumber Co....1,000 feet G. P. flooring No. 5	20 00
	Philip Gruner Bros. Lumber Co....2,000 feet W. G. flooring No. 5	40 00
	John J. Ganahl Lumber Co........5,000 feet oak flooring stock No. 5	87 00
	O'Neil Lumber Co...10,000 feet Y. P. flooring stock No. 5	112 25
	Charles F. Mertens.............Whitening room No. 17	5 00
	W. H. Brothers....................Repair of roof No. 5	7 00
	James A. Lynch................Repair of sewer No. 22	4 75
	James A. Lynch................Sundry plumbing No. 13	10 79
	Abel & Gerhard................Sundry plumbing No. 14	3 35
	Abel & Gerhard................Sundry plumbing No. 26	8 33
	Abel & Gerhard................Sundry plumbing No. 8	15 67
	Robert Paulus..............2 new window sashes No. 6	10 17
	Robert Paulus.......1 new door each E. H. No. 15 and 32	23 20
	W. F. Cozzens Heating Co....Repair of gutter and down spouts No. 5	19 21
	W. F. Cozzens Heating Co....Repair of skylight and roof No. 25	69 30
	C. Linnenkohl........Material and building fence No. 24	110 65
	Grimme & Doellner............Glazing at various E. H.	241 59
	T. B. Graham.................Sundry plumbing No. 27	6 13
	T. B. Graham..................Sundry plumbing No. 5	6 30
	T. B. Graham..................Sundry plumbing No. 2	271 50
Nov., '96.	T. B. Graham.................Sundry plumbing No. 25	2 78
	W. F. Cozzens Heating Co...Repair of gutters and down spouts No. 31	39 85
	Grimme & Doellner...New sash and glazing Nos. 9 and 29	24 62
	James A. Lynch................Sundry plumbing No. 24	6 22
	James A. Lynch................Sundry plumbing No. 27	26 45
	James A. Lynch................Sundry plumbing No. 29	4 20
	James Martin......Making new sewer connection No. 26	361 10

Nov., '96.	Cole & Glass Mfg. Co...60 pieces W. P. balusters No. 17	$6 00
	Mound City Hardware Co......10 kegs nails stock No. 6	34 00
Dec., '96.	C. Linnenkohl..........Repairing sash and glazing No. 9	6 75
	C. Linnenkohl.........Repairing sash and glazing No. 13	9 40
	Grimme & Doellner...............Glazing No. 12 and 18	17 96
	W. F. Cozzens Heating Co....Repair of gutter and down spouts No. 11....................................	19 40
	William Daman & Son.....Plumbing and carpenter work No. 7....................................	23 72
	G. N. Vautilberg....Repair of down spouts rear Nos. 12 and 18....................................	34 74
	James A. Lynch...............Sundry plumbing No. 30	5 33
	James A. Lynch................Sundry plumbing No. 19	6 79
	James A. Lynch.....New bath tub and connections No. 9	55 76
	T. B. Graham..................Sundry plumbing No. 21	3 24
	T. B. Graham..................Sundry plumbing No. 17	19 77
	T. B. Graham..................Sundry plumbing No. 31	28 73
	T. B. Graham....New water closet bowl and connections No. 26....................................	71 91
	W. M. Sutherland........Painting walls and ceiling rear Nos. 12 and 18....................................	187 00
	W. M. Sutherland.......Bricklaying and carpenter work Nos. 12 and 18....................................	124 71
	F. L. McGinnis..............Painting throughout No. 17	321 00
	Philip Gruner Bros. Lumber Co......1,000 feet partition stuff stock No. 21....................................	35 00
	Boeckeler Lumber Co....10,000 feet yellow pine flooring stock No. 5....................................	103 50
	Robert Paulus..............1 new set front doors No. 17	94 00
Jan., '97.	William Daman & Son......Small door entrance front of E. H. No. 23....................................	13 25
	William Daman & Son....Enlarging and lining feed bins 9 houses....................................	359 50
	John J. Latal Roofing Co..........Repair of roof No. 22	14 30
	W. F. Cozzens Heating Co..Repair of down spouts No. 32	19 70
	G. H. Vautilburg.....Repair of roof and guttering No. 28	20 28
	Koken Iron Works Co......Two hinged collar grates rear Nos. 12 and 18....................................	30 00
	James A. Lynch...........Sundry plumbing repairs No. 4	11 85
	James A. Lynch..........Sundry plumbing repairs No. 9	10 61
	James A. Lynch..........Sundry plumbing repairs No. 23	11 07
	James A. Lynch..........Sundry plumbing repairs No. 25	3 00
	James A. Lynch..........Sundry plumbing repairs No. 27	3 30
	James A. Lynch..........Sundry plumbing repairs No. 32	3 00
	T. B. Graham...........Sundry plumbing repairs No. 27	35 00
	T. B. Graham...........Sundry plumbing repairs No. 28	15 25
	T. B. Graham...........Sundry plumbing repairs No. 33	48 60
	Simmons Hardware Co.......10 kegs 8-penny nails, stock No. 6....................................	19 00
	Philip Gruner Bros. Lumber Co....1,000 feet dressed W. P. boards No. 21....................................	35 00
	Philip Gruner Bros. Lumber Co....2,000 feet W. P. partition stuff No. 21....................................	45 10
	W. M. Sutherland....For alterations made at E. H. Nos. 12 and 18....................................	2,383 00
	Robert Paulus..For alterations and repairs at Veterinary Hospital....................................	1,193 00
Feb., '97.	James A. Lynch.........Sundry plumbing repairs No. 24	3 98
	James A. Lynch..........Sundry plumbing repairs No. 9	4 65
	James A. Lynch.........Sundry plumbing repairs No. 27	7 00
	James A. Lynch.........Sundry plumbing repairs No. 35	9 45
	James A. Lynch.........Sundry plumbing repairs No. 21	1 56
	Grimme & Doellner......................Glazing No. 25	21 41
	Grimme & Doellner......................Glazing No. 14	3 56
	W. F. Cozzens Heating Co........ Repairs of roof No. 22	2 20

Feb., '96.	W. F. Cozzens Heating Co.........Repair of roof No. 10	40 40
	Ph. Gruner Bros. Lumber Co......Dressed Lumber No. 5	9 66
	Fidel Ganahl............15,000 feet Y. P. flooring (stock)	154 50
March,'97.	C. Linnenkohl....Repairing of iron doors coal bins No. 15	7 95
	W. T. & J. Barron.........Building brick ash pit No. 17	78 10
	James A. Lynch.........Sundry plumbing repairs No. 13	6 77
	James A. Lynch.........Sundry plumbing repairs No. 20	3 00
	James A. Lynch.........Sundry plumbing repairs No. 23	6 77
	James A. Lynch.........Sundry plumbing repairs No. 30	9 00
	Simmons Hardware Co.........Galvanized Iron Hospital	15 30
	Ph. Gruner Bros. Lumber Co ....Oak strips for stalls No. 24...	22 75
	Eau Claire St. Louis Lumber Co...5,000 feet oak flooring stock...	87 25
	William Daman & Sons....Repairing columns in basement No. 12...	52 00
	William Daman & Sons...Putting down new floor engine-room Nos. 12 and 18..............................	277 00
	The W. F. Cozzens Heating Co....Repairing gutters and down spouts No. 5..................................	10 90
	The W. F. Cozzens Heating Co....Repairing roof of Hose Tower No. 31	89 32
	T. B. Graham...........Sundry plumbing repairs No. 30	34 90
	T. B. Graham...........Sundry plumbing repairs No. 32	108 37
	Joseph J. Mayer..........Painting Engine House No. 23	227 00
	Robert Paulus.......Building board fence Nos. 33 and 34	308 00
	Robert Paulus......Sundry repairs and alterations No. 27	723 00
		$10,976 74

Alterations and repairs of Veterinary Hospital special... $1,193 00

NEW STEAM FIRE ENGINE.

Jan., '97.	American Fire Engine Company, Cincinnati, Ohio....One second size, double pump and cylinder, crane neck, coil boiler, steam fire engine......................................	$4,400 00

NEW APPARATUS.

July, '96.	Uhlenhaut Brothers...............Two hauling wagons	$525 00
Feb., '97.	P. J. Cooney Manufacturing Company.Two hose wagons	900 00
March, '97.	P. J. Cooney Mfg. Co....One City hook and ladder truck	1,400 00
		$2,825 00

DAMAGE ACCOUNT.

April, '96.	Rauschenbach Granitoid Company......Damage to sidewalk, Engine No. 12..................................	$31 00
Oct., '96.	P. J. Cooney Mfg. Co.......Damage done by H. C. No. 6	38 40
Nov., '96.	J. M. Selzer............Damage done by officer's buggy	5 55
Dec., '96.	P. J. Cooney Mfg. Co.....Damage done by Engine No. 9	25 90
Jan., '97.	Daniel Taylor...............Damage done by H. C. No. 6	14 00
		$114 85

ENGINE REPAIRING ACCOUNT.

ENGINE NO. 1.—Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$0 18
Apr.	P. J. Cooney Mfg. Co...	7 75
May.	Kupferle Bros. Mfg. Co.	15
June.	Kupferle Bros. Mfg. Co.	30
July.	Fred. Wagner & Son....	50
July.	Kupferle Bros. Mfg. Co.	1 75
Oct.	Peter Wagner C. & W. Mfg. Co..............	10 70
Nov.	Fred. Wagner & Son...	5 00
1897.		
Jan.	Fred. Wagner & Son....	65 40
Jan.	Peter Wagner C. & W. Mfg. Co..............	83 00
Jan.	Kupferle Bros. Mfg. Co.	76 95
Jan.	P. J. Cooney Mfg. Co....	2 40
Feb.	Peter Wagner C. & W. Mfg. Co..............	12 00
Feb.	Kupferle Bros. Mfg. Co.	1 20
		$267 28

ENGINE NO. 2.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$0 25
July.	Kupferle Bros. Mfg. Co.	2 30
Sept.	Kupferle Bros. Mfg. Co.	5 03
Oct.	Kupferle Bros. Mfg. Co.	1 95
		$9 78

ENGINE NO. 3.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$0 75
June.	Kupferle Bros. Mfg. Co.	61 95
July.	Kupferle Bros. Mfg. Co.	65
July.	Peter Wagner C. & W. Mfg. Co.	8 50
Aug.	Peter Wagner C. & W. Mfg. Co.	4 00
Sept.	Peter Wagner C. & W. Mfg. Co.	1 50
Oct.	Peter Wagner C. & W. Mfg. Co.	30
Oct.	Kupferle Bros. Mfg. Co.	75
Dec.	Kupferle Bros. Mfg. Co.	6 70
1897.		
Jan.	Peter Wagner C. & W. Mfg. Co.	3 50
Feb.	Peter Wagner C. & W. Mfg. Co.	45
Mch.	Joseph F. Wangler Co.	12 00
Mch.	Kupferle Bros. Mfg. Co.	15 19
		$116 24

ENGINE NO. 4.— Sundry Repairs.

1896.		
Apr.	J. M. Selzer	$67 30
Apr.	Kupferle Bros. Mfg. Co.	2 14
June.	Kupferle Bros. Mfg. Co.	75
July.	Kupferle Bros. Mfg. Co.	1 15
Aug.	Kupferle Bros. Mfg. Co.	2 85
Sept.	Kupferle Bros. Mfg. Co.	10 50
Dec.	Kupferle Bros. Mfg. Co.	12 00
1897.		
Jan.	Kupferle Bros. Mfg. Co.	9 10
Feb.	Kupferle Bros. Mfg. Co.	3 80
Feb.	P. J. Cooney Mfg. Co.	8 75
		$118 34

ENGINE NO. 5.— Sundry Repairs.

1896.		
Apr.	P. J. Cooney Mfg. Co.	$1 00
May.	Kupferle Bros. Mfg. Co.	70
June.	Kupferle Bros. Mfg. Co.	20
July.	Kupferle Bros. Mfg. Co.	90
July.	P. J. Cooney Mfg. Co.	3 50
Aug.	P. J. Cooney Mfg. Co.	55 00
Sept.	Kupferle Bros. Mfg. Co.	2 35
Nov.	P. J. Cooney Mfg. Co.	29 00
Dec.	Kupferle Bros. Mfg. Co.	40
1897.		
Jan.	Kupferle Bros. Mfg. Co.	4 05
Feb.	Kupferle Bros. Mfg. Co.	31
Mar.	Kupferle Bros. Mfg. Co.	3 82
		$101 23

ENGINE NO. 6.— Sundry Repairs.

1896.		
Apr.	Fred. Wagner & Son	$24 10
May.	Kupferle Bros. Mfg. Co.	11 25
May.	P. J. Cooney Mfg. Co.	7 00
June.	Kupferle Bros. Mfg. Co.	10 15
July.	Kupferle Bros. Mfg. Co.	80
Aug.	Kupferle Bros. Mfg. Co.	99
Sept.	Joseph F. Wangler Co.	5 25
Sept.	Kupferle Bros. Mfg. Co.	44 25
Nov.	Kupferle Bros. Mfg. Co.	75
Dec.	Kupferle Bros. Mfg. Co.	1 50
Dec.	P. J. Cooney Mfg. Co.	11 50
1897.		
Jan.	P. J. Cooney Mfg. Co.	34 90
Mar.	Kupferle Bros. Mfg. Co.	3 05
		$155 49

ENGINE NO. 7.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$0 30
Apr.	Fred. Wagner & Son	14 60
May.	Fred. Wagner & Son	62 90
May.	Joseph F. Wangler Co.	16 50
May.	P. J. Cooney Mfg. Co.	5 50
May.	Kupferle Bros. Mfg. Co.	83 25
June.	J. M. Selzer	58 90
June.	Fred. Wagner & Son	2 80
July.	P. J. Cooney Mfg. Co.	10 25
July.	Kupferle Bros. Mfg. Co.	5 00
Aug.	Kupferle Bros. Mfg. Co.	1 60
Sept.	Kupferle Bros. Mfg. Co.	90
Oct.	Fred. Wagner & Son	2 00
Nov.	Kupferle Bros. Mfg. Co.	75
Nov.	Fred. Wagner & Son	5 30
Dec.	Kupferle Bros. Mfg. Co.	6 75
Jan.	Kupferle Bros. Mfg. Co.	50
Feb.	Kupferle Bros. Mfg. Co.	15
Mar.	Kupferle Bros. Mfg. Co.	1 65
		$279 60

ENGINE NO. 8. — Sundry Repairs.

1896.		
July.	Kupferle Bros. Mfg. Co.	$2 05
Aug.	P. J. Cooney Mfg. Co.	2 50
Mar.	J. M. Selzer	31 50
		$36 05

ENGINE NO. 9.— Sundry Repairs.

1896.		
Apr.	J. P. Cooney Mfg. Co.	$3 00
July.	Kupferle Bros. Mfg. Co.	4 05
Sept.	Kupferle Bros. Mfg. Co.	25
Sept.	P. J. Cooney Mfg. Co.	1 20
Nov.	Kupferle Bros. Mfg. Co.	75
Dec.	P. J. Cooney Mfg. Co.	1 50
1897.		
Feb.	J. P. Cooney Mfg. Co.	4 65
		$15 40

ENGINE NO. 10.— Sundry Repairs

1896.		
Apr.	Fred. Wagner & Son	$2 70
Apr.	Kupferle Bros. Mfg. Co.	90

June	Kupferle Bros. Mfg. Co.	$0 60
July.	Kupferle Bros. Mfg. Co.	2 05
Sept.	P. J. Cooney Mfg. Co.	63 25
Nov.	P. J. Cooney Mfg. Co.	37 00
Nov.	Kupferle Bros. Mfg. Co.	1 15
Nov.	J. M. Selzer	24 15
Dec.	P. J. Cooney Mfg. Co.	31 70
Dec.	Kupferle Bros. Mfg. Co.	93 45
1897.		
Jan.	Kupferle Bros. Mfg. Co.	90
Feb.	Kupferle Bros. Mfg. Co.	40
Feb.	A. W. Skinner & Co.	5 00
Mar.	Edward Hoffman	1 00
Mar.	Kupferle Bros. Mfg. Co.	4 95
		$269 20

ENGINE NO. 11.

1896.		
May.	Peter Wagner C. & W. Mfg. Co.	$0 50
July.	Fred Wagner & Son	29 20
July.	Kupferle Bros. Mfg. Co.	50
Oct.	Kupferle Bros. Mfg. Co.	1 01
1897.		
Feb.	Fred. Wagner & Son	4 50
		$35 71

ENGINE NO. 12.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$27 00
May.	Kupferle Bros. Mfg. Co.	2 40
May.	P. J. Cooney Mfg. Co.	1 50
June.	P. J. Cooney Mfg. Co.	23 60
July.	Kupferle Bros. Mfg. Co.	3 40
Aug.	Kupferle Bros. Mfg. Co.	40
Sept.	Kupferle Bros. Mfg. Co.	5 65
Sept.	P. J. Cooney Mfg. Co.	16 00
Oct.	Kupferle Bros. Mfg. Co.	15
1897.		
Jan.	Kupferle Bros. Mfg. Co.	3 73
Jan.	P. J. Cooney	5 50
Feb.	P. J. Cooney Mfg. Co.	19 55
Feb.	Kupferle Bros. Mfg. Co.	2 70
Mar.	P. J. Cooney Mfg. Co.	17 65
		$129 23

ENGINE NO. 13.— Sundry Repairs.

1896.		
Apr.	J. M. Selzer	$10 80
Apr.	Kupferle Bros. Mfg. Co.	75
May.	Kupferle Bros. Mfg. Co.	3 37
June.	Kupferle Bros. Mfg. Co.	11 87
July.	Kupferle Bros. Mfg. Co.	2 05
Aug.	Kupferle Bros. Mfg. Co.	1 05
Oct.	Kupferle Bros. Mfg. Co.	3 13
Oct.	J. M. Selzer	4 60
Oct.	P. J. Cooney Mfg. Co.	5 75
Dec.	P. J. Cooney Mfg. Co.	5 80
1897.		
Jan.	P. J. Cooney Mfg. Co.	5 00
Jan.	Kupferle Bros. Mfg. Co.	2 90
Mch.	Kupferle Bros. Mfg. Co.	10 20
		$67 27

ENGINE NO. 14.— Sundry Repairs.

1896.		
June.	Kupferle Bros. Mfg. Co.	$1 65
July.	Kupferle Bros. Mfg. Co.	3 25
July.	Fred. Wagner & Son	2 90
Nov.	Fred. Wagner & Son	2 60
Nov.	P. J. Cooney Mfg. Co.	2 50
Dec.	Kupferle Bros. Mfg. Co.	2 50
1897.		
Jan.	Kupferle Bros. Mfg. Co.	1 75
Feb.	P. J. Cooney Mfg. Co.	33 40
Mar.	P. J. Cooney Mfg. Co.	248 90
Mar.	Kupferle Bros. Mfg. Co.	8 01
Mar.	Mo. Lamp & Mfg. Co.	6 55
		$263 46

ENGINE NO. 15.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$0 50
May.	Kupferle Bros. Mfg. Co.	1 20
May.	Fred. Wagner & Son	7 70
June.	Kupferle Bros. Mfg. Co.	20
July.	Kupferle Bros. Mfg. Co.	4 55
Aug.	Fred. Wagner & Son	5 90
Nov.	P. J. Cooney Mfg. Co.	5 75
Nov.	J. M. Selzer	41 15
Nov.	Kupferle Bros. Mfg. Co.	36 65
Dec.	Kupferle Bros. Mfg. Co.	2 55
Dec.	J. M. Selzer	150 55
1897.		
Feb.	Kupferle Bros. Mfg. Co.	90
Mar.	Kupferle Bros. Mfg. Co.	3 50
		$261 10

ENGINE NO. 16.— Sundry Repairs.

1896.		
June.	Fred. Wagner & Son	$2 50
July.	Kupferle Bros. Mfg. Co.	2 05
Oct.	Kupferle Bros. Mfg. Co.	4 30
1897.		
Jan.	Fred. Wagner & Son	3 80
Feb.	Fred. Wagner & Son	1 75
Mar.	Kupferle Bros. Mfg. Co.	30
		$14 70

ENGINE NO. 17.— Sundry Repairs.

1896.		
June.	Kupferle Bros. Mfg. Co.	$0 85
July.	Kupferle Bros. Mfg. Co.	2 10
July.	P. J. Cooney Mfg. Co.	21 50
Aug.	Kupferle Bros. Mfg. Co.	42 40
Sept.	Kupferle Bros. Mfg. Co.	80
Oct.	Kupferle Bros. Mfg. Co.	12
Nov.	P. J. Cooney Mfg. Co.	2 50
Dec.	Kupferle Bros. Mfg. Co.	30
1897.		
Jan.	Kupferle Bros. Mfg. Co.	14 55
Jan.	J. M. Selzer	23 45
Jan.	P. J. Cooney Mfg. Co.	2 50
Mar.	Joseph F. Wangler	12 00
Mar.	Kupferle Bros. Mfg. Co.	29 18
		$152 25

ENGINE NO. 18.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$0 14
Apr.	P. J. Cooney Mfg. Co...	39 00
June.	Kupferle Bros. Mfg. Co.	20
Oct.	P. J. Cooney Mfg. Co...	6 30
Nov.	P. J. Cooney Mfg. Co...	13 45
Nov.	Kupferle Bros. Mfg. Co.	2 75
1897.		
Jan.	Kupferle Bros. Mfg. Co.	6 08
Jan.	P. J. Cooney Mfg. Co...	2 50
Feb.	P. J. Cooney Mfg. Co...	1 75
Mar.	P. J. Cooney Mfg. Co...	7 50
		$79 67

ENGINE NO. 19.— Sundry Repairs.

1896.		
July.	Kupferle Bros. Mfg. Co.	$1 55
Aug.	Kupferle Bros. Mfg. Co.	50
Sept.	Kupferle Bros. Mfg. Co.	5 34
Oct.	Kupferle Bros. Mfg. Co.	75
Nov.	J. M. Selzer...........	10 60
Dec.	Kupferle Bros. Mfg. Co.	4 71
1897.		
Jan.	Kupferle Bros. Mfg. Co.	1 80
Feb.	P. J. Cooney Mfg. Co...	90
Mar.	Kupferle Bros. Mfg. Co.	1 56
		$27 71

ENGINE NO. 20.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$0 75
May.	Kupferle Bros. Mfg. Co.	30
July.	Kupferle Bros. Mfg. Co.	50
Nov.	Kupferle Bros. Mfg. Co.	20 18
Nov.	P. J. Cooney Mfg. Co...	39 70
Dec.	Kupferle Bros. Mfg. Co.	5 12
		$66 55

ENGINE NO. 21.— Sundry Repairs.

1896.		
Apr.	Alfred W. Skinner & Co.	$1 00
Apr.	Kupferle Bros. Mfg. Co.	25
May.	Alfred W. Skinner & Co.	4 00
June.	Alfred W. Skinner & Co.	3 00
July.	Kupferle Bros. Mfg. Co.	2 35
Aug.	Alfred W. Skinner & Co.	3 50
Aug.	Kupferle Bros. Mfg. Co.	35
Sept.	Kupferle Bros. Mfg. Co.	40
Oct.	Kupferle Bros. Mfg. Co.	37 35
Nov.	Kupferle Bros. Mfg. Co.	35
Dec.	Kupferle Bros. Mfg. Co.	5 00
1897.		
Jan.	Kupferle Bros. Mfg. Co.	45
Jan.	Alfred W. Skinner & Co.	1 25
Jan.	J. M. Selzer...........	138 05
Mar.	Edward Hoffman........	1 00
Mar.	Kupferle Bros. Mfg. Co.	3 50
Mar.	Missouri Lamp & Mfg. Co.....	2 15
		$203 95

ENGINE NO. 22.— Sundry Repairs.

1896.		
Apr.	Fred. Wagner & Son....	$42 89
Apr.	Kupferle Bros. Mfg. Co.	1 90
June.	Kupferle Bros. Mfg. Co.	4 50
July.	Kupferle Bros. Mfg. Co.	2 05
Sept.	Kupferle Bros. Mfg. Co.	2 90
Oct.	Kupferle Bros. Mfg. Co.	2 35
Nov.	Kupferle Bros. Mfg. Co.	3 75
Dec.	Kupferle Bros. Mfg. Co.	2 19
1897.		
Feb.	Fred. Wagner & Son....	2 50
Mch.	Kupferle Bros. Mfg. Co.	1 30
		$66 33

ENGINE NO. 23.— Sundry Repairs.

1896.		
June.	Kupferle Bros. Mfg. Co.	$0 40
July.	Kupferle Bros. Mfg. Co.	2 55
Nov.	Kupferle Bros. Mfg. Co.	6 90
Dec.	Kupferle Bros. Mfg. Co.	35
1897.		
Jan.	Fred. Wagner & Son....	7 80
Mch.	S. J. Cooney Mfg. Co...	2 50
		$20 50

ENGINE NO. 24.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$0 65
July.	Kupferle Bros. Mfg. Co.	2 05
July.	Fred. Wagner & Son....	2 90
Nov.	J. M. Selzer............	19 45
Nov.	Kupferle Bros. Mfg. Co.	6 00
1897.		
Mch.	Kupferle Bros. Mfg. Co.	58 95
		$90 00

ENGINE NO. 25.— Sundry Repairs.

1896.		
Apr.	J. M. Selzer............	$11 95
May.	Kupferle Bros. Mfg. Co.	1 65
June.	Kupferle Bros. Mfg. Co.	75
July.	Kupferle Bros. Mfg. Co.	1 25
Oct.	Kupferle Bros. Mfg. Co.	90
Oct.	P. J. Cooney Mfg. Co...	1 50
Dec.	J. M. Selzer............	19 80
1897.		
Feb.	Kupferle Bros. Mfg. Co.	60
		$38 40

ENGINE NO. 26.— Sundry Repairs.

1896.		
June.	Kupferle Bros. Mfg. Co.	$0 85
July.	Kupferle Bros. Mfg. Co.	50
Sept.	Kupferle Bros. Mfg. Co.	60
Oct.	Kupferle Bros. Mfg. Co.	2 15
Dec.	Kupferle Bros. Mfg. Co.	50
Dec.	P. J. Cooney Mfg. Co...	3 40
1897.		
Feb.	P. J. Cooney Mfg. Co...	8 80
Mch.	P. J. Cooney Mfg. Co...	6 35
		$23 15

ENGINE NO. 27.— Sundry Repairs.

1896.		
June.	P. J. Cooney Mfg. Co...	$66 90
July.	Kupferle Bros. Mfg. Co.	2 30
Sept.	Kupferle Bros. Mfg. Co.	1 83
Nov.	P. J. Cooney Mfg. Co...	11 65
Dec.	Kupferle Bros. Mfg. Co.	70
1897.		
Jan.	Kupferle Bros. Mfg. Co.	82 55
Jan.	P. J. Cooney Mfg. Co...	6 50
Feb.	Kupferle Bros. Mfg. Co.	3 50
Mch.	P. J. Cooney Mfg. Co...	10 50
		$186 43

ENGINE NO. 28.— Sundry Repairs.

1896.		
Apr.	J. M. Selzer............	$30 45
Apr.	Kupferle Bros. Mfg. Co.	87
Apr.	Alfred W. Skinner & Co.	1 25
May.	Alfred W. Skinner & Co.	50
June.	Alfred W. Skinner & Co.	1 35
July.	Kupferle Bros. Mfg. Co.	3 55
Aug.	Kupferle Bros. Mfg. Co.	60
Sept.	Kupferle Bros. Mfg. Co.	21 25
Oct.	Kupferle Bros. Mfg. Co.	1 35
Dec.	Kupferle Bros. Mfg. Co.	45
		$61 62

ENGINE NO. 29.— Sundry Repairs.

1896.		
July.	Kupferle Bros. Mfg. Co.	$2 30
Jan.	Kupferle Bros. Mfg. Co.	20
		$2 50

ENGINE NO. 30.— Sundry Repairs.

1896.		
July.	Kupferle Bros. Mfg. Co.	$2 30
1897.		
Jan.	Kupferle Bros. Mfg. Co.	2 65
Feb.	Kupferle Bros. Mfg. Co.	15
Feb.	P. J. Cooney Mfg. Co...	8 75
		$13 85

ENGINE NO. 31.— Sundry Repairs.

1896.		
May.	Joseph F. Wangler & Co.	$4 00
June.	Kupferle Bros. Mfg. Co.	19 10
July.	Joseph F. Wangler & Co. 1 new boiler.........	375 00
July.	P. J. Cooney Mfg. Co...	5 00
Aug.	Kupferle Bros. Mfg. Co.	197 04
Sept.	J. M. Selzer...........	107 90
Oct.	Kupferle Bros. Mfg. Co.	50
Nov.	P. J. Cooney Mfg. Co...	2 00
		$710 54

ENGINE NO. 32.— Sundry Repairs.

1896.		
Apr.	J. M. Selzer...........	$4 15
July.	Kupferle Bros. Mfg. Co.	3 08
Aug.	Kupferle Bros. Mfg. Co.	22 21
Dec.	Kupferle Bros. Mfg. Co.	22 78
Dec.	P. J. Cooney Mfg. Co...	1 00
1897.		
Jan.	P. J. Cooney Mfg. Co...	$42 00
Jan.	Kupferle Bros. Mfg. Co.	33 98
Feb.	Kupferle Bros. Mfg. Co.	1 00
Mch.	Kupferle Bros. Mfg. Co.	13 87
Mch.	Missouri Lamp & Mfg. Co..................	9 80
		$153 87

ENGINE NO. 33.— Sundry Repairs.

1896.		
April.	Kupferle Bros. Mfg. Co.	$6 75
April.	P. J. Cooney Mfg. Co...	24 10
July.	Fred Wagner & Son.....	90
July.	Kupferle Bros. Mfg. Co.	50
Oct.	Alfred W. Skinner & Co.	8 00
Dec.	Cahill, Swift & Co.......	10 60
Dec.	Kupferle Bros. Mfg. Co.	1 80
1897.		
Feb.	Alfred W. Skinner & Co..	75
Feb.	J. M. Selzer............	18 20
		$71 60

ENGINE NO. 34.— Sundry Repairs.

1896.		
July.	Kupferle Bros. Mfg. Co.	$2 30
Sept.	Kupferle Bros. Mfg. Co.	2 50
Dec.	Kupferle Bros. Mfg. Co.	1 30
		$6 10

ENGINE NO. 35.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$9 00
June.	Kupferle Bros. Mfg. Co.	1 50
July.	Kupferle Bros. Mfg. Co.	2 30
Aug.	Peter Wagner C. & W. Mfg. Co..............	59 00
Dec.	Cahill, Swift & Co......	33 00
Dec.	Alfred W. Skinner & Co..	1 00
1897.		
Jan.	Kupferle Bros. Mfg. Co.	30
Feb.	Alfred W. Skinner & Co..	3 00
Mar.	Edward Hoffman.......	6 75
		$115 85

RESERVE ENGINE NO. 1.— Sundry Repairs.

1896.		
Apr.	Fred. Wagner & Son....	$11 05
July.	Fred. Wagner & Son....	2 00
Aug.	Kupferle Bros. Mfg. Co.	12 70
Sept.	Kupferle Bros. Mfg. Co.	18 92
Sept.	Joseph F. Wangler & Co.	11 45
1897.		
Jan.	Fred. Wagner & Son....	35 20
		$91 32

RESERVE ENGINE NO. 2.— Sundry Repairs.

1896.		
Dec.	P. J. Cooney Mfg. Co...	$8 75
1897.		
Mar.	Kupferle Bros. Mfg. Co.	5 00
		$13 75

RESERVE ENGINE NO. 3.— Sundry Repairs.

1896.		
June.	Joseph F. Wangler Co..	$34 50
June.	Kupferle Bros. Mfg. Co.	9 65
Aug.	Kupferle Bros. Mfg. Co.	10 48
1897.		
Mar.	Kupferle Bros. Mfg. Co.	2 50
		$57 13

RESERVE ENGINE NO. 4.— Sundry Repairs.

1896.		
Sept.	Kupferle Bros. Mfg. Co.	$20 85
1897.		
Mar.	Kupferle Bros. Mfg. Co.	9 10
		$29 95

RESERVE ENGINE NO. 5.— Sundry Repairs.

1896.		
Oct.	P. J. Cooney Mfg. Co...	$2 40
Oct.	Kupferle Bros. Mfg. Co.	1 50
		$3 90

CHEMICAL ENGINE NO. 1.— Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$8 00
May.	Kupferle Bros. Mfg. Co.	60
May.	Fred. Wagner and Son..	4 75
June.	Fred. Wagner and Son..	23 15
June.	Kupferle Bros. Mfg. Co.	$0 55
July.	Fred. Wagner and Son..	3 50
Aug.	Fred. Wagner and Son..	1 50
Oct.	Fred. Wagner and Son..	157 30
Oct.	Kupferle Bros. Mfg. Co.	3 45
Dec.	Fred. Wagner and Son..	4 50
1897.		
Feb.	Kupferle Bros. Mfg. Co.	6 65
Mar.	Kupferle Bros. Mfg. Co.	7 50
		$221 45

CHEMICAL ENGINE NO. 4.— Sundry Repairs.

1896.		
June.	Kupferle Bros. Mfg. Co.	$2 30

WATER TOWER NO. 1.— Sundry Repairs.

1896.		
Aug.	Kupferle Bros. Mfg. Co.	$0 90

WATER TOWER NO. 2.— Sundry Repairs.

1896.		
June.	Kupferle Bros. Mfg. Co.	$3 60
Sept.	Kupferle Bros. Mfg. Co.	4 20
Nov.	Kupferle Bros. Mfg. Co.	3 20
1897.		
Mar.	Kupferle Bros. Mfg. Co.	1 08
		$12 08

MATERIAL FOR EMERGENCY REPAIRS.

1896.			
June.	American Fire Engine Co........	Sundry material for engines	$39 16
July.	American Fire Engine Co........	Sundry material for engines	23 68
Aug.	American Fire Engine Co........	Sundry material for engines	67 56
Aug.	Todd & Stanley Mill Furnishing Co..............	6 grate bars	22 00
Sept.	American Fire Engine Co.....	2 Eng. hubs and bushings	33 82
Dec.	Hoyt Metal Co..........................	Metallic packing	75 00
Dec.	American Fire Engine Co........	Sundry material for engines	393 32
1897.			
Jan.	American Fire Engine Co......................	6 iron hubs	101 38
Mar.	American Fire Engine Co..................	4 sets steam coils	1,053 80
			$1,809 72

RECAPITULATION ENGINE EXPENSE.

Engine No. 1............	$267 28	Engine No. 18............	79 67
Engine No. 2............	9 78	Engine No. 19............	27 71
Engine No. 3............	116 24	Engine No. 20............	66 55
Engine No. 4............	118 34	Engine No. 21............	203 95
Engine No. 5............	101 23	Engine No. 22............	66 33
Engine No. 6............	155 49	Engine No. 23............	20 50
Engine No. 7............	279 60	Engine No. 24............	90 00
Engine No. 8............	36 05	Engine No. 25............	38 40
Engine No. 9............	15 40	Engine No. 26............	23 15
Engine No. 10............	269 20	Engine No. 27............	186 43
Engine No. 11............	35 71	Engine No. 28............	61 62
Engine No. 12............	129 23	Engine No. 29............	2 50
Engine No. 13............	67 27	Engine No. 30............	13 85
Engine No. 14............	314 01	Engine No. 31............	710 54
Engine No. 15............	261 10	Engine No. 32............	153 87
Engine No. 16............	14 70	Engine No. 33............	71 60
Engine No. 17............	152 25	Engine No. 34............	6 10

Engine No. 35	$115 85
Reserve Engine No. 1	91 32
Reserve Engine No. 2	13 75
Reserve Engine No. 3	57 13
Reserve Engine No. 4	29 95
Reserve Engine No. 5	3 90
Chemical Engine No. 1	221 45
Chemical Engine No. 4	$2 30
Water Tower No. 1	90
Water Tower No. 2	12 08
Material for emergency repairs	1,808 45
	$6,522 73

HOOK AND LADDER REPAIRING ACCOUNT.

HOOK AND LADDER NO. 1.— Sundry Repairs.

1896.		
June.	P. J. Cooney Mfg. Co.	$2 00
Sept.	Peter Wagner C. and W. Mfg. Co.	179 05
Oct.	Peter Wagner C. and W. Mfg. Co.	7 15
Oct.	Kupferle Bros. Mfg. Co.	60
Nov.	Peter Wagner C. and W. Mfg. Co.	5 50
1897.		
Feb.	Fred. Wagner & Son	1 00
Feb.	Peter Wagner C. and W. Mfg. Co.	9 45
Mar.	Peter Wagner C. and W. Mfg. Co.	2 25
		$207 00

HOOK AND LADDER NO. 2.— Sundry Repairs.

1896.		
Apr.	P. J. Cooney Mfg. Co.	$0 75
Aug.	P. J. Cooney Mfg. Co.	3 80
Aug.	Peter Wagner C. and W. Mfg. Co.	60
Sept.	P. J. Cooney Mfg. Co.	2 50
Sept.	Kupferle Bros. Mfg. Co.	1 20
Oct.	Kupferle Bros. Mfg. Co.	1 50
Dec.	P. J. Cooney Mfg. Co.	149 50
1897.		
Jan.	P. J. Cooney Mfg. Co.	5 50
		$165 35

HOOK AND LADDER NO. 3.— Sundry Repairs.

1896.		
Apr.	P. J. Cooney Mfg. Co.	$22 00
May.	P. J. Cooney Mfg. Co.	50
June.	P. J. Cooney Mfg. Co.	352 00
July.	Kupferle Bros. Mfg. Co.	2 50
Sept.	Kupferle Bros. Mfg. Co.	2 50
Sept.	La France Fire Engine Co.	101 27
Sept.	P. J. Cooney Mfg. Co.	7 50
Oct.	P. J. Cooney Mfg. Co.	149 05
1897.		
Jan.	Meyrose Mfg. Co., 2-5 gal. extinguishers	44 00
Feb.	P. J. Cooney Mfg. Co.	439 00
Mar.	P. J. Cooney Mfg. Co.	64 60
		$1,184 92

HOOK AND LADDER NO. 4.— Sundry Repairs.

1896.		
Apr.	P. J. Cooney Mfg. Co.	$254 70
May.	P. J. Cooney Mfg. Co.	25 50
July.	P. J. Cooney Mfg. Co.	3 00
Aug.	Fred. Wagner & Son	56 95
Aug.	P. J. Cooney Mfg. Co.	65 10
Aug.	Seagrave & Co., 1-76 foot ladder	244 30
Sept.	Fred. Wagner & Son	12 50
Oct.	Fred. Wagner & Son	270 75
Nov.	Fred. Wagner & Son	13 80
Nov.	P. J. Cooney Mfg. Co.	52 50
Dec.	P. J. Cooney Mfg. Co.	141 85
1897.		
Jan.	P. J. Cooney Mfg. Co.	11 25
Jan.	Meyrose & Co., 2-5 gal. extinguishers	44 00
Mar.	Kupferle Bros. Mfg. Co.	1 20
		$1,197 40

HOOK AND LADDER NO. 5.— Sundry Repairs.

1896.		
Apr.	Alfred W. Skinner & Co.	$8 25
May.	Alfred W. Skinner & Co.	1 00
July.	P. J. Cooney Mfg. Co.	3 00
Aug.	Alfred W. Skinner & Co.	3 50
1896.		
Oct.	Alfred W. Skinner & Co.	2 00
Nov.	Alfred W. Skinner & Co.	75
Nov.	P. J. Cooney Mfg. Co.	3 80
Dec.	Alfred W. Skinner & Co.	1 75
Dec.	P. J. Cooney Mfg. Co.	3 00
1897.		
Mch.	Kupferle Bros. Mfg. Co.	60
		$27 65

HOOK AND LADDER NO. 6. — Sundry Repairs.

1896.		
Apr.	Kupferle Bros. Mfg. Co.	$3 05
May.	P. J. Cooney Mfg. Co.	6 00
July.	P. J. Cooney Mfg. Co.	37 00
Aug.	Kupferle Bros. Mfg. Co.	35
Sept.	Kupferle Bros. Mfg. Co.	4 50
Sept.	La France Fire Engine Co.	102 82
Sept.	P. J. Cooney Mfg. Co.	55 50
Oct.	P. J. Cooney Mfg. Co.	172 85
Nov.	P. J. Cooney Mfg. Co.	47 00
1897.		
Jan.	P. J. Cooney Mfg. Co.	2 50

Feb.	P. J. Cooney Mfg. Co...	38 00
Mch.	P. J. Cooney Mfg. Co...	2 50
Mch.	Kupferle Bros. Mfg. Co.	1 10
		$473 17

HOOK AND LADDER No. 7. — Sundry Repairs.

1896.		
Apr.	P. J. Cooney Mfg. Co...	$2 25
July.	American Fire Engine Co	83 88
Sept.	La France Fire Engine Co..................	99 62
Sept.	P. J. Cooney Mfg. Co...	93 25
Oct.	P. J. Cooney Mfg. Co...	10 00
Nov.	P. J. Cooney Mfg. Co...	260 40
Nov.	Seagrave & Co., one Trussed Extension Ladder...............	165 00
Dec.	P. J. Cooney Mfg. Co...	52 70
1897.		
Mch.	P. J. Cooney Mfg. Co...	238 10
		$1,005 20

HOOK AND LADDER NO. 8. — Sundry Repairs.

1896.		
June.	P. J. Cooney Mfg. Co...	$202 95
Aug.	P. J. Cooney Mfg. Co...	6 90
Aug.	Kupferle Bros. Mfg. Co.	1 50
Sept.	P. J. Cooney Mfg. Co...	101 00
Oct.	Fire Extinguisher Mfg. Co., 1 set Archibald Wheels	500 00
Nov.	Fire Extinguisher Mfg. Co., mounting frame, etc..................	495 00
Dec.	Fire Extinguisher Mfg. Co., remodeling rack, etc..................	475 00
Dec.	Kupferle Bros. Mfg. Co.	1 40
1897.		
Jan.	Fire Extinguisher Mfg. Co., overhauling main ladder	470 00
Feb.	Fire Extinguisher Mfg. Co., overhauling turntable and equipment..	560 00
Mch.	P. J. Cooney Mfg. Co...	16 30
Mch.	Kupferle Bros. Mfg. Co.	7 65
		$2,837 70

HOOK AND LADDER NO. 9. — Sundry Repairs.

1896.		
Apr.	Alfred W. Skinner & Co.	$12 00
Apr.	P. J. Cooney Mfg. Co...	2 50
May.	P. J. Cooney Mfg. Co...	18 00
June.	Alfred W. Skinner & Co.	1 50
July.	P. J. Cooney Mfg. Co...	86 00
Aug.	P. J. Cooney Mfg. Co...	511 20
Sept.	P. J. Cooney Mfg. Co..	6 90
Oct.	P. J. Cooney Mfg. Co...	9 10
1897.		
Feb.	Alfred W. Skinner & Co.	$0 50
Mch.	Edward Hoffman.......	2 00
		$649 70

HOOK AND LADDER NO. 10.— Sundry Repairs.

1896.		
July.	Kupferle Bros. Mfg. Co.	$0 30
Sept.	Alfred M. Skinner & Co.	40
Dec.	P. J. Cooney Mfg. Co...	30
1897.		
Jan.	Alfred W. Skinner & Co.	4 00
Feb.	Alfred W. Skinner & Co.	50
		$5 50

HOOK AND LADDER NO. 11.— Sundry Repairs.

1896.		
Sept.	Peter Wagner C. and W. Mfg. Co..............	$208 60
Sept.	Kupferle Bros. Mfg. Co.	2 10
Oct.	Peter Wagner C. and W. Mfg. Co..............	2 10
1897.		
Jan.	Peter Wagner C. and W. Mfg. Co..............	2 95
Mch.	Peter Wagner C. and W. Mfg. Co..............	3 50
		$219 25

RESERVE HOOK AND LADDER NO. 1.— Sundry Repairs.

1896.		
Apr.	Fred Wagner & Son	$ 5 75
May.	P. J. Cooney Mfg. Co...	228 05
June.	P. J. Cooney Mfg. Co...	52 90
July.	P. J. Cooney Mfg. Co...	1 65
Sept.	P. J. Cooney Mfg. Co...	45 00
1897.		
Jan.	P. J. Cooney Mfg. Co...	201 00
Feb.	P. J. Cooney Mfg. Co...	54 00
		$588 35

RECAPITULATION HOOK AND LADDER ACCOUNT.

Hook and Ladder No. 1.....	$ 207 00
Hook and Ladder No. 2.....	165 35
Hook and Ladder No. 3.....	1,184 92
Hook and Ladder No. 4.....	1,197 40
Hook and Ladder No. 5.....	27 65
Hook and Ladder No. 6.....	473 17
Hook and Ladder No. 7.....	1,005 20
Hook and Ladder No. 8.....	2,837 70
Hook and Ladder No. 9.....	649 70
Hook and Ladder No. 10.....	5 50
Hook and Ladder No. 11.....	219 25
Reserve Hook and Ladder No. 1.....................	590 19
	$8,563 03

HOSE CARRIAGE AND WAGONS.— SUNDRY REPAIRS.

1896.		
Apr.	Alfred W. Skinner & Co.	$43 00
Apr.	J. M. Selzer	51 75
Apr.	Fred. Wagner & Son	117 15
Apr.	J. W. Cooney Mfg. Co.	369 20
May.	J. W. Cooney Mfg. Co.	813 85
May.	Peter Wagner C. and W. Mfg. Co	107 65
May.	Fred. Wagner & Son	133 30
June.	Fred. Wagner & Son	293 00
June.	Alfred W. Skinner & Co.	282 15
June.	Peter Wagner C. and W Mfg. Co	171 00
June.	Nelson & Brown	1 50
June.	Kupferle Bros. Mfg. Co.	1 00
June.	P. J. Cooney Mfg. Co.	798 95
July.	P. J. Cooney Mfg. Co.	909 65
July.	Peter Wagner C. and W. Mfg. Co	32 55
July.	Fred. Wagner & Son	98 10
Aug.	Fred. Wagner & Son	33 85
Aug.	Alfred W. Skinner & Co.	3 25
Aug.	Peter Wagner C. and W. Mfg. Co	143 30
Aug.	J. M. Selzer	76 28
Aug.	P. J. Cooney Mfg. Co	1,241 10
Sept.	P. J. Cooney Mfg. Co.	1,120 10
Sept.	Alfred W. Skinner & Co.	32 50
Sept.	Fred. Wagner & Son	30 80
Sept.	Peter Wagner C. & W. Mfg. Co	50
Sept.	J. M. Selzer	14 20
Sept.	John Spreck	4 50
Oct.	Fred. Wagner & Son	140 55
Oct.	J. M. Selzer	$127 50
Oct.	Alfred W. Skinner & Co.	25 40
Oct.	Peter Wagner C. & W. Mfg. Co	221 90
Oct.	P. J. Cooney Mfg. Co.	918 55
Nov.	Fred. Wagner & Son	50 69
Nov.	J. M. Selzer	152 30
Nov.	Alfred M. Skinner & Co.	25 00
Nov.	P. J. Cooney Mfg. Co.	449 50
Dec.	Alfred W. Skinner & Co.	12 50
Dec.	Peter Wagner C. & W. Mfg. Co	45 30
Dec.	Fred. Wagner & Son	97 57
Dec.	J. M. Selzer	66 05
Dec.	Kupferle Bros. Mfg. Co.	2 22
Dec.	P. J. Cooney Mfg. Co.	1,133 60
1897.		
Jan.	John E. Bonecum	2 50
Jan.	Alfred W. Skinner & Co.	11 75
Jan.	Fred. Wagner & Son	89 65
Jan.	J. M. Selzer	44 00
Jan.	Peter Wagner C. & W. Mfg. Co	206 55
Jan.	P. J. Cooney Mfg. Co.	745 90
Feb.	Alfred W. Skinner & Co.	34 60
Feb.	Fred. Wagner & Son	94 30
Feb.	Peter Wagner C. & W. Mfg. Co	128 00
Feb.	P. J. Cooney Mfg. Co.	1,916 25
Mch.	F. Wagner & Son	4 30
Mch.	Edward Hoffman	5 50
Mch.	P. Wagner C. & W. Mfg. Co	159 05
Mch.	John Spreck	2 15
Mch.	P. J. Cooney Mfg. Co.	1,895 85
		$15,733 16

NEW HOSE COUPLINGS AND NOZZLES AND REPAIRING SAME.

April, '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	$89 45
May, '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	21 53
	George Grassmuck, Jr	Covering play pipes	17 25
	Combination Ladder Co	1 Waldron nozzle	12 00
	Peters Rubber and Supply Co.	750 ft. 2½-in. Centaur hose	750 00
June, '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	17 40
	George Grassmuck, Jr	Covering play pipes	9 25
July, '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	65 92
	George Grassmuck, Jr	Covering play pipes	4 00
	Revere Rubber Co	Repair of nozzle	4 80
Aug., '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	18 75
	George Grassmuck, Jr	Covering play pipes	5 00
Sept., '96.	W. J. Clark & Co	1 — 1-in. coupling with key	2 00
	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	30 70
	Cooper Hose Jacket Co	4 — 1-in. hose leak stops	50 00
Oct., '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	24 55
	Day Rubber Co	2,000 ft. 2½-in. Eureka hose	1,800 00
	The Gutta Percha and Rubber Mfg. Co.	4,000 ft. 2½-in. M. C. hose	4,600 00
Nov., '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	29 70
	Manhattan Rubber Mfg. Co	1,000 ft. 2½-in. Centaur hose	1,000 00
	New York Belting and Packing Co.	1,000 ft. 2½-in. test hose	1,150 00
Dec., '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	5 85
	The Gutta Percha and Rubber Mfg. Co	1,500 ft. 1-in. Chemical hose	367 50
	Chicago Fire Hose Co	1,500 ft. 2½-in. Superior hose	900 00

Jan., '97.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	$18 35
	New York Belting and Packing Co	126 ft. suction hose	230 00
Feb., '96.	Kupferle Bros. Mfg. Co	Repair of hose and nozzles	3 85
	George Grassmuck, Jr	Covering play pipes	5 00
Mar., '96.	Kupferferle Bros. Mfg. Co	Repair of hose and nozzles	35 25
	Cooper Hose Jacket Co	1 doz. 2½-in. hose jackets	300 00
	Revere Rubber Co	1,000 ft. 2½-in black hose coupled	1,000 00
	New York Belting & Packing Co	1,000 ft. 2½-in. test hose coupled	1,000 00
	Gutta Percha and Rubber Mfg Co	3,000 ft. 2½-in. M. C. hose coupled	3,000 00
	Manhattan Rubber Mfg. Co	3,000 ft. 2½-in. centaur hose coupled	3,000 00
	Manhattan Rubber Mfg. Co	2,000 ft. 2½-in. Farragut woven coupled	1,000 00
			$20,568 05

FURNITURE AND BEDDING AND REPAIRING SAME.

May, '96.	Casper Stehle & Son	Repairing furniture	$21 10
July, '96.	Casper Stehle & Son	Renovating bedding	94 90
Aug., '96.	Casper Stehle & Son	Renovating bedding	152 80
	Scarritt Furniture Co	1 oak wardrobe	12 00
Sept., '96.	D. Crawford & Co	20 doz. white bed spreads	180 00
	D. Crawford & Co	Pillow casing and sheeting	184 52
	Wm. Barr D. G. Co	Bed blankets and bed comforts	296 25
	Scarritt Furniture Co	1 wardrobe and 1 desk	22 00
	Scarritt Furniture Co	12 doz. chairs	144 00
	A. Kurtzeborn & Son	1 clock E. H. No. 8	6 50
	Mrs. C. Foster	For making up bed sheets and pillow slips	92 70
	C. Stehle & Son	Repairing furniture and renovating bedding	80 52
Oct., '96.	Scarritt Furniture Co	6 mirrors	33 00
	C. Stehle & Son	Renovating carpets and bedding	131 85
Nov., '96.	A. Kurtzeborn & Sons	Repair of clock No. 29	1 50
	A. Kurtzeborn & Sons	2 clocks office and E. H. No. 7	12 00
	Scarritt Furniture Co	1 desk E. H. No. 17	7 50
	Scarritt Furniture Co	1 doz. mirrors No. 6, desk and wardrobe No. 7	85 50
	Samuel Cupples Woodenware Co	1 doz. door mats	9 00
	Tyler Office Fixture Co	Office furniture chief's office	34 20
	J. H. Crane	10 iron bedsteads E. H. No. 7	75 00
	C. Stehle & Son	Renovating carpet and bedding	62 55
Dec., '96.	Scarritt Furniture Co	2 tables	7 00
	Trorlicht, Duncker & Renard	16 window shades	16 40
	Trorlicht, Duncker & Renard	Carpet and rug chief's office	40 82
Jan., '97.	A. Kurtzeborn & Sons	Repair of clock No. 9	1 50
	A. Kurtzeborn & Sons	1 clock No. 20	6 00
Feb., '97.	Trorlicht, Duncker & Renard	6 doz. door mats	39 00
	G. A. Rubelmann Hardware Co	3 gross leather wheel bedstead casters	58 32
Mar., '97.	J. Kennard & Sons	1 carpet and rug	30 17
	Scarritt Furniture Co	2 gross chairs	235 20
			$2,173 80

HORSE ACCOUNT.

May, '96.	F. Sloan	For 15 horses	$1,890 00
July, '96.	F. Sloan	For 1 horse	165 00
	F. Sloan	For 5 horses	705 00
	H. C. Tatum	For 1 horse	130 00
Aug., '96.	F. Sloan	For 3 horses	399 75
	Wolfort & Co	For 3 horses	357 00
Sept., '97.	Wolfort & Co	For 10 horses	1,130 00

Oct., '96.	F. Sloan	For 5 horses	$723 75
Feb., '97.	F. Sloan	For 6 horses	865 50
Mar., '97.	F. Sloan	For 1 horse	150 00
	F. Sloan	For 8 horses	992 00
			$7,508 00

HORSE FEED AND BEDDING ACCOUNT.

Apr., '96.	Crown Linseed Oil Co	3 bbls. ground flaxseed	$14 94
	H. Grassmuck	600 lbs. Scotland horse food	36 00
	Great Western Feed Co	11.950 tons straw	73 44
	H. G. Beck	2,206 bus. oats	515 86
	H. G. Beck	6.425 tons bran	56 53
May, '96.	Thos. Wand	boarding 1 horse 3 days	3 00
	H. Grassmuck	800 lbs. Scotland horse food	48 00
	Great Western Feed Co	7.430 tons straw	46 24
	H. G. Beck	1,587 bus. oats	371 08
	H. G. Beck	6.1125 tons bran	59 72
	Brinkmeyer-Meyer H. & G. Co	1780 lbs. rye-grass	10 68
	Brinkmeyer-Meyer H. & G. Co	67½ tons hay	916 30
June, '96.	H. Grassmuck	400 lbs. Scotland horse food	24 00
	Great Western Feed Co	6.1940 tons straw	44 61
	H. G. Beck	2,298 bus. oats	537 61
	H. G. Beck	8.625 tons bran	75 44
	Brinkmeyer-Meyer H. & Co. Co	59½ tons hay	807 91
July, '96.	Crown Linseed Oil Co	1806 lbs. ground flaxseed	40 63
	H. Grassmuck	300 lbs. Scotland horse food	18 00
	H. G. Beck	2,065 bus. oats	451 72
	H. G. Beck	9.691 tons straw	53 27
	C. H. Meyer	7.875 tons bran	63 96
	C. H. Meyer	39.750 tons hay	450 84
Aug., '96.	H. Grassmuck	700 lbs. Scotland horse food	42 00
	James F. Ewing	10 bbls. salt	8 50
	H. G. Beck	1502 bus. oats	328 60
	H. G. Beck	8.1910 tons straw	51 04
	C. H. Meyer	5.20 tons bran	43 09
	C. H. Meyer	72.1850 tons hay	834 99
Sept., '96.	George Grassmuck, Jr	550 lbs. Scotland horse food	33 00
	C. H. Meyer	8.275 tons bran	69 98
	C. H. Meyer	61 tons hay	698 34
	H. G. Beck	2436 bus. oats	532 99
	H. G. Beck	13.600 tons straw	75 81
Oct., '96.	George Grassmuck, Jr	800 lbs. Scotland horse foot	48 00
	C. H. Meyer	57.860 tons hay	502 51
	H. G. Beck	1,945 bus. oats	425 64
	H. G. Beck	5.915 tons bran	36 56
	H. G. Beck	7.1750 tons straw	40 95
Nov., 96.	George Grassmuck, Jr	350 lbs. Scotland horse food	21 00
	Crown Linseed Oil Co	6 bbls. ground flaxseed	27 58
	C. H. Meyer	60.1160 tons hay	530 08
	H. G. Beck	2147 bus. oats	469 70
	H. G. Beck	6.1125 tons bran	43 97
	H. G. Beck	9.1820 tons straw	51 53
Dec., '96.	St. Louis Horse Bedding Co	3 loads mill shavings	7 50
	George Grassmuck, Jr	750 lbs. Scotland horse food	45 00
	C. H. Meyer	80.1170 tons hay	707 74
	H. G. Beck	2,272 bus. oats	497 04
	H. G. Beck	6.1125 tons bran	43 97
	H. G. Beck	7.1940 tons straw	41 44
Jan., '97.	St. Louis Horse Bedding Co	3 loads mill shavings	7 50
	George Grassmuck, Jr	800 lbs. Scotland horse food	48 00
	C. H. Meyer	65½ tons hay	682 57
	H. G. Beck	2243 bus. oats	488 01
	H. G. Beck	4.1625 tons bran	40 91
	H. G. Beck	10.430 tons straw	53 12

Feb., '97.	James F. Ewing	6 bbls. salt	$5 10
	George Grassmuck, Jr	450 lbs. Scotland food	27 00
	C. H. Meyer	97.680 tons hay	1,016 23
	H. G. Beck	1830 bus. oats	398 02
	H. G. Beck	6.1125 tons bran	55 78
	H. G. Beck	8.840 tons straw	43 78
Mar., '97.	Crown Linseed Oil Co	6 bbls. ground flaxseed	29 39
	George Grassmuck, Jr	65 bbls. Scotland horse food	39 00
	H. G. Beck	1901 bus. oats in sacks	413 52
	H. G. Beck	850 tons bran	68 22
	H. G. Beck	11.880 tons straw	59 48
	C. H. Meyer	71.1558 tons hay	749 37
			$15,203 23

HORSESHOEING.

April, 1896.

Jacob Lorenzen	$ 9 00
Thomas Cowhey	9 75
James P. Thornhill	10 24
C. Oellermann & Son	10 50
C. Hasenpflug	10 50
John Dugan	11 50
John Phillips	12 00
Albert H. Jaehn	12 37
Thomas J. Leonard	12 75
William L. Roach	13 12
George Kissner	13 50
William I. Altstatt	13 50
Herman Burner	14 25
William Buckley	17 62
Samuel H. Wagner	18 75
James Sheridan	19 00
H. Henry Hoff	21 00
F. Lucas	24 00
W. G. Dierking	24 75
James Lynch & Son	27 75
Tiekemeier & Grannamann	33 75
Grace Bros. H. S. Co	34 88
John Kirby	53 50
Henry J. Mohrmann	54 63
Thos. F. Fitzpatrick	56 25
P. E. Flanagan	76 87
Clark & Woods	96 00

May, 1896.

John Dugan	$6 00
Thos. J. Leonard	9 00
James P. Thornhill	9 75
Thomas Cowhey	10 12
George Kissner	11 00
Herman Burner	11 25
John Phillips	12 00
William L. Roach	12 00
Fred. Speth	12 00
C. Oellermann & Son	12 75
William Buckley	14 25
Albert H. Jaehn	16 12
Jacob Lorenzen	16 12
C. Hasenpflug	18 75
Saml. H. Wagner	18 75
H. Henry Hoff	20 37
James Sheridan	21 00
F. Lucas	21 75
William I. Altstatt	22 50
Grace Bros. H. S. Co	$23 25
James Lynch & Son	26 50
Fiekemeier & Grannamann	33 38
John Kirby	54 87
P. E. Flanagan	57 00
Henry J. Mohrmann	96 13
Clarke & Woods	135 68
James G. Thornhill	8 62
C. Oellermann & Son	9 00
Thomas Cowhey	10 12
Samuel H. Wagner	10 12
Fred Speth	12 00
William L. Roach	12 00
C. Hasenpflug	12 00
John Dugan	12 00
W. G. Dierking	12 37
Thos. J. Leonard	12 62
Herman Burner	13 12
George Kissner	13 37
Albert H. Jaehn	15 37
Jacob Lovenzen	16 50
F. Bender	18 75
William Buckley	19 12
William I. Altstatt	19 50
H. Henry Hoff	21 75
James Sheridan	21 75
F. Lucas	24 00
Tiekeneier and Grannamann	28 50
Grace Bros. H. S. Co	30 38
James Lynch & Son	34 00
P. E. Flanagan	47 25
John Kirby	48 25
Henry J. Mohrman	96 13
Clarke & Woods	144 38

July, 1896.

John Dugan	$6 00
James P. Thornhill	11 25
Thos. J. Leonard	11 25
Albert H. Jaehn	12 00
W. G. Dierking	12 00
Fred Speth	12 00
Herman Burner	12 00
George Kissner	12 12
Thos. Cowhey	12 75
William L. Roach	13 50
William Buckley	13 50
Jacob Lorenzen	15 75
C. Hasenpflug	16 87

F. Bender	$18 00
H. Henry Hoff	18 00
C. Oellermann & Son	18 00
James Sheridan	18 37
William I. Altstatt	19 50
Samuel H. Wagner	21 00
F. Lucas	21 38
Grace Bros. H. S. Co	29 88
James Lynch & Son	32 75
Tiekemeier & Grannamann	33 38
P. E. Flanagan	44 12
John Kirby	54 75
Henry J. Mohrmann	87 88
Clarke & Woods	113 25

August, 1896.

Thomas Cowhey	$6 00
Samuel H. Wagner	9 37
W. F. Dierking	12 00
John Dugan	12 00
Fred. Speth	12 00
James P. Thornhill	12 00
William L. Roach	12 37
Herman Burner	12 37
William I. Altstatt	12 75
Thomas J. Leonard	12 75
C. Oellermann & Son	13 50
C. Hasenpflug	14 62
Albert H. Jaehn	15 00
George Kissner	15 75
Jacob Lorenzen	19 12
William Buckley	19 50
H. Henry Hoff	19 87
F. Bender	19 88
James Sheridan	21 37
F. Lucas	25 50
Grace Bros. H. S. Co	28 13
James Lynch & Son	29 37
Tiekemeier & Grannamann	33 38
P. E. Flanagan	38 75
John Kirby	49 12
Henry J. Mohrmann	91 00
Clarke & Woods	133 88

September, 1896.

John Dugan	$6 00
Jacob Lorenzen	6 75
Fred Speth	6 75
James P. Thornhill	9 75
H. Henry Hoff	9 75
Herman Burner	10 00
Thos. J. Leonard	10 13
W. G. Dierking	12 00
Thos. Cowhey	12 00
William L. Roach	12 00
William Buckley	12 75
George Kissner	12 75
Albert J. Jaehn	13 50
C. Oellermann & Son	13 75
C. Hasenpflug	16 00
F. Lucas	18 00
Samuel H. Wagner	18 37
F. Bender	18 38
James Sheridan	20 25
William I. Altstatt	24 00
Tiekemeier & Grannamann	$30 38
Grace Bros. H. S. Co	33 50
James Lynch & Son	35 00
P. E. Flanagan	42 62
John Kirby	50 12
Henry J. Mohrmann	92 63
Clarke & Woods	114 75

October, 1896.

Fred. Hagedorn	$6 00
Thos. Cowhey	6 00
James P. Thornhill	9 00
Herman Burner	11 25
Fred. Speth	11 25
Thos. J. Leonard	12 00
John Dugan	12 00
Samuel H. Wagner	12 00
William L. Roach	12 00
W. G. Dierking	12 75
C. Hasenpflug	13 12
George Kissner	13 12
William I. Altstatt	13 87
C. Oellermann & Son	14 62
Albert H. Jaehn	15 37
William Buckley	15 75
Jacob Lorenzen	17 62
F. Lucas	18 00
F. Bender	18 75
James Sheridan	22 12
H. Henry Hoff	23 50
Grace Bros. H. S. Co	27 75
Tiekemeier & Grannamann	31 13
James Lynch & Son	33 12
P. E. Flanagan	47 87
John Kirby	49 25
Henry J. Mohrmann	78 00
Clarke & Woods	122 15

November, 1896.

John Dugan	$6 00
Fred. Speth	6 38
Fred. Ahrens	6 75
F. Lucas	6 75
Thos. Cowhey	9 00
James P. Thornhill	9 00
Fred Hagedorn	9 00
Thos. J. Leonard	9 75
Herman Burner	10 50
H. Henry Hoff	12 00
W. G. Dierking	12 00
Wm. L. Roach	12 00
George Kissner	12 50
Albert H. Jaehn	14 25
William Buckley	14 25
C. Oellermann & Son	15 75
C. Hasenpflug	17 12
James Sheridan	18 00
Samuel H. Wagner	18 37
F. Bender	19 13
Jacob Lorenzen	19 50
William I. Altstatt	24 37
Grace Bros. H. S. Co	27 00
P. E. Flanagan	35 50
Tiekemeier & Grannamann	35 63
James Lynch & Son	38 62

John Kirby	$47 50
H. J. Mohrmann	84 25
Clark & Woods	107 63

December, 1896.

Jacob Lorenzen	$6 75
George Schweigler & Co	7 50
Fred. Hagedorn	9 37
Fred. Ahrens	9 75
Thos. J. Leonard	9 75
James Sheridan	12 00
William L. Roach	12 00
William I. Altstatt	12 00
F. Lucas	12 00
James G. Thornhill	12 00
John Dugan	12 75
W. G. Dierking	12 75
George Kissner	13 00
Herman Burner	13 12
Albert H. Jaehn	15 00
C. Hasenpflug	17 25
C. Oellermann & Son	18 00
Fred. Bender	18 38
Grace Bros. H. S. Co	19 50
H. Henry Hoff	21 25
William Buckley	21 25
Tiekemeier & Grannamann	30 75
P. E. Flanagan	41 12
James Lynch & Son	42 50
John Kirby	53 25
Henry J. Mohrmann	57 75
Clarke & Woods	143 76

January, 1897.

F. Lucas	$6 00
John Dugan	6 00
Fred Ahrens	9 00
Fred. Hagedorn	9 00
Herman Burner	10 87
George Schweigler & Co	11 25
James Sheridan	12 00
Thos. J. Leonard	12 00
C. Oellermann & Sons	12 75
H. Henry Hoff	13 50
Wm. S. Roach	14 00
W. G. Dierking	14 25
Albert H. Jaehn	15 00
William Buckley	15 75
James P. Thornhill	17 62
Fred. Syseth	18 00
F. Bender & Co	18 00
Jacob Lorenzen	18 75
Thomas Cowhey	19 50
George Kissner	19 75
William I. Altstatt	24 00
C. Hasenpflug	27 25
Tiekemeier & Grannamann	31 50
Grace Bros. H. S. Co	43 38
P. E. Flanagan	49 12
James Lynch & Son	50 75
Henry J. Mohrmann	76 50
John Kirby	81 12
Clarke & Woods	178 13

February, 1897.

Fred. Ahrens	$6 50
George Schweigler & Co	6 75
John Dugan	7 50
Thos. J. Leonard	8 63
Herman Burner	9 75
James P. Thornhill	10 12
F. Lucas	12 37
Wm. I. Altstatt	12 37
Wm. L. Roach	12 50
George Kissner	13 00
James Sheridan	14 62
Albert H. Jaehn	15 37
C. Hasenpflug	15 75
W. G. Dierking	16 50
William Buckley	17 25
H. Henry Hoff	18 25
C. Oellermann & Son	20 25
Jacob Lorenzen	21 75
Grace Bros. H. S. Co	23 38
Tiekemeier & Grannamann	31 50
F. Bender	33 00
James Lynch & Son	39 87
John Kirby	44 62
Henry J. Mohrmann	75 25
P. E. Flanagan	49 37
Clarke & Woods	140 26
George Schweigler & Co	1 50

March, 1897.

James P. Thornhill	$6 75
F. Lucas	6 75
Fred. Ahrens	8 50
Herman Burner	11 25
Thos. J. Leonard	12 00
John Dugan	12 00
James Sheridan	12 37
William L. Roach	12 50
W. G. Dierking	12 75
Fred. Syseth	13 13

March, 1897.

Samuel H. Wagner	$13 50
C. Oellermann & Son	13 50
Albert H. Jaehn	15 00
William Buckley	16 00
George Kissner	16 37
H. Henry Hoff	17 25
Fred. Hagedorn	18 37
C. Hasenpflug	18 75
Jacob Lorenzen	19 50
William I. Alstatt	24 00
Grace Bros. H. S. Co	31 63
F. Bender	33 38
Tiekemeier & Grannamann	36 00
P. E. Flanagan	45 25
James Lynch	47 00
John Kirby	47 62
Henry J. Mohrmann	76 25
Clarke and Woods	150 88
	$8,444 80

HARNESS EQUIPMENT AND REPAIRING SAME.

April, 1896.

John C. Fendler	$ 1 15
George Schneider	6 25
M. Debatin	15 00
Aug. Holthaus Saddlery Co	16 10
Leopold Meyer	26 80
George Grassmuck Jr	91 35
John Spuck, swinging harness app	34 65
Kupferle Bros. Mfg. Co., swinging harness app	21 50

May, 1896.

John C. Fendler	$ 6 10
M. Debatin	18 95
Aug. Holthaus Saddlery Co	20 00
Leopold Meyer	36 25
George Grassmuck, Jr	47 40
Kupferle Bros. Mfg. Co	30

June, 1896.

John C. Fendler	$ 1 85
O. H. Grosenheider	10 85
M. Debatin	17 75
Aug. Holthaus Saddlery Co	23 45
George Schneider	23 50
Leopold Meyer	28 45
George Grassmuck, Jr	74 05
Kupferle Bros. Mfg. Co., swinging harness app	21 85

July, 1896.

George Schneider	$ 4 00
John C. Fendler	4 30
M. Debatin	7 45
O. H. Grosenheider	18 95
Aug. Holthaus Saddlery	13 65
Leopold Meyer	26 80
George Grassmuck, Jr	57 65
Aug. Holthaus Saddlery Co., 15 new Concord collars	37 50

August, 1896.

John C. Fendler	$0 80
O. H. Grosenheider	6 90
M. Debatin	16 90
Leopold Meyer	23 35
Aug. Holthaus Saddlery Co	33 75
George Grassmuck, Jr	94 50
Aug. Holthaus Saddlery Co., 1 new set officers' buggy harness	40 00

September, 1896.

O. H. Grosenheider	$1 40
George Schneider	17 80
Leopold Meyer	31 25
M. Debatin	34 70
Aug. Holthaus Saddlery Co	60 35
John Spuck, swinging harness app	657 27
Aug. Holthaus Saddlery Co., 2 sets buggy harness	70 00

October, 1896.

O. H. Grossenheider	$4 10
George Schneider	18 20
M. Debatin	$23 40
Aug. Holthaus Saddlery Co	33 55
Leopold Meyer	40 75
George Grassmuck, Jr	65 35
Aug. Holthaus Saddlery Co., 2 dozen horse blankets	159 60

November, 1896.

John C. Fendler	$6 15
H. W. Schaefer	8 50
Leopold Meyer	11 15
M. Debatin	12 20
Aug. Holthaus Saddlery Co	20 55
George Schneider	25 95
George Grassmuck, Jr	48 40
Kupferle Bros. Mfg. Co., swinging harness app	31 80

December, 1896.

H. W. Schayler	$11 75
Leopold Meyer	12 00
M. Debatin	16 20
John C. Fendler	21 20
George Schneider	21 65
Aug. Holthaus Saddlery Co	27 55
George Grassmuck, Jr	58 45
Aug. Holthaus Saddlery Co., 1 dozen horse blankets	84 00

January, 1897.

John C. Fendler	$2 65
George Schneider	7 15
H. W. Schaefer	9 75
M. Debatin	11 70
O. H. Grossenheider	13 35
Leopold Meyer	17 40
Aug. Holthaus Saddlery Co	19 80
George Grassmuck, Jr	63 80
Kupferle Bros. Mfg. Co., swinging harness app	21 15
H. W. Schaefer	1 50
John C. Fendler	6 25
Leopold Meyer	10 40
George Schneider	10 75
M. Debatin	20 50
George Grassmuck, Jr	36 60
Aug. Holthaus Saddlery Co	55 35

March, 1897.

George Schneider	$3 20
M. Debatin	10 95
O. H. Grossenheider	11 35
H. W. Schaefer	12 25
Aug. Holthaus Saddlery Co	33 40
Leopold Meyer	35 50
George Grassmuck, Jr	93 30
John Spuck, swinging harness app	374 55
Kupferle Bros. Mfg. Co., swinging harness app	18 75
Aug. Holthaus Saddlery Co., 6 Concord collars	16 50
Mound City Hardware Co., 2,000 ft. s. h. cord	26 25
	$3,598 52

FUEL ACCOUNT.

Apr., '96.	Laclede Gas Light Co	Fuel gas	$8 90
	Ed. T. Meyer	9 cords hickory wood	53 10
May, '96.	Laclede Gas Light Co	Fuel gas	9 00
	Ed. T. Meyer	9 cords hickory wood	53 10
	Devoy & Feuerborn Coal & Coke Co	206 tons gas coke	745 10
June, '96.	Laclede Gas Light Co	Fuel gas	39 70
	Ed. T. Meyer	13 cords hickory wood	76 70
	Devoy & Feuerborn Coal & Coke Co	29¼ tons gas coke	104 80
July, '96.	Laclede Gas Light Co	Fuel gas	11 10
	Sylvester Coal Co	⅝ tons coke	2 81
July, '96.	Logwood, Kurtzeborn & Co.	3.760 tons coke	18 21
	Ed. T. Meyer	6 cords hickory wood	35 40
	M. W. Warren	9.840 tons Pittsburgh coal	49 46
	Devoy & Feuerborn	27.600 tons gas coke	145 71
Aug., '96.	Laclede Gas Light Co	Fuel gas	10 80
	William Luke	2 cords hickory wood	11 38
	Moffitt-West Drug Co	10 carboys sulphuric acid	23 11
	Whitelaw Bros	30 kegs Natrona soda	75 60
	M. W. Warren	10 tons Pittsburgh coal	52 37
	Devoy & Feuerborn Coal & Coke Co	34.790 tons gas coke	134 14
Sept., '96.	Laclede Gas Light Co	Fuel gas	13 10
	William Luke	7 cords hickory wood	39 83
	M. W. Warren	24.180 tons Pittburgh coal	126 47
	Devoy & Feuerborn Coal & Coke Co	64 tons gas coke	248 37
Oct., '96.	Laclede Gas Light Co	Fuel gas	14 10
	William Luke	12 cords hickory wood	68 28
	M. W. Warren	24.930 tons Pittsburgh coal	128 44
	Devoy & Feuerborn Coal & Coke Co.	163.1675 tons gas coke	638 97
Nov., '96.	Laclede Gas Light Co	Fuel gas	9 60
	Miller Hauling & Transfer Co	11 3-4 tons Illinois coal	18 42
	Henry Gaus & Sons Mfg. Co	3 loads kindling wood	9 00
	Meyer Bros. Drug Co	10 carboys acid	22 68
	William Luke	8 cords hickory wood	45 52
	Devoy & Feuerborn Coal & Coke Co	233.870 tons gas coke	910 40
Dec., '96.	Laclede Gas Light Co	Fuel gas	9 90
	Henry Gaus & Sons Mfg. Co	9 loads kindling wood	27 00
	William Luke	10 cords hickory wood	56 90
	Moffitt-West Drug Co	50 kegs Natrona soda	123 20
	Devoy & Feuerborn Coal & Coke Co	248.140 tons gas coke	967 48
Jan., '97.	Laclede Gas Light Co	Fuel gas	7 30
	William Luke	6 cords hickory wood	34 14
	M. W. Warren	13.1670 tons Pittsburgh coal	72 63
	Devoy & Feuerborn Coal & Coke Co	241.965 tons gas coke	941 59
Feb., '97.	Laclede Gas Light Co	Fuel gas	7 30
	Henry Gaus & Sons Mfg. Co	2 loads kindling wood	6 00
	Mueller Hauling and Transfer Co	8 1-4 tons Illinois coal	13 20
	M. W. Warren	9.970 tons Pittsburgh coal	49 80
	William Luke	9 cords hickory wood	51 21
	Devoy & Feuerborn Coal & Coke Co	273.365 tons gas coke	1,065 41
Mar., '97.	Laclede Gas Light Co	Fuel gas	8 90
	H. Gaus & Sons Mfg. Co	2 loads kindling wood	6 00
	Meyer Bros. Drug Co	10 carboys sulphuric acid	25 63
	William Luke	8 cords hickory wood	45 52
	F. Burkart & Co	100 bales excelsior	58 90
	M. W. Warren	77.680 tons Pittsburgh coal	400 79
	Devoy & Feuerborn Coal & Coke Co	214.135 tons Pittsburgh coke	834 86
			$8,767 33

ICE ACCOUNT.

Oct., '96.	Bonner Ice & Coal Co	154.1152 tons ice	$989 29

MISCELLANEOUS RUNNING EXPENSE.

Apr., '96.	E. J. Gross	Express charges paid	$1 15
	Morrison Tent and Awning Co	Putting up awnings E. H. No. 32	2 00
	Missouri Lamp & Mfg. Co	Repair of lanterns, etc.	5 68
	United States Awning Co	Putting up awnings at Headquarters	6 00
	Simmons Hardware Co	3 dozen large stable shovels	31 50
	Simmons Hardware Co	Water coolers and drinking cups	43 15
	H. Grassmuck	750 lbs. Spelterine hoof packing	37 50
	Kupferle Bros. Mfg. Co	Miscellaneous repairs	32 95
	John Spuck	Miscellaneous repairs	182 95
May, '96.	Missouri Lamp & Mfg. Co	Repair of lanterns, etc.	1 93
	The Bell Telephone Co	3 months rent of telephone	25 00
	Gage & Fitzgerald	Telephone connections	30 00
	Alfred W. Skinner & Co	Repairing water cooler	4 00
	Kupferle Bros. Mfg. Co	Sundry repairs	10 69
	L. M. Rumsey Mfg. Co	1 doz. valve balls	8 50
	Anchor Line Store	Mops and scrub brushes	28 50
	Anchor Line Store.	8 bbls. coal oil	37 26
	Mound City Hardware Co	1 doz. balls trot line	4 90
	Leonard & Ellis	1 bbl. cylinder oil	30 90
	Crown Linseed Oil Works	1 bbl. castor oil	31 32
	John Damm	12 doz. mane brushes	30 00
	H. Grassmuck	700 lbs. Spelterine hoof packing	35 00
	George Mueller	20 doz. corn brooms	75 00
	J. G. Quinette & Co	432 lbs. star polish	77 76
	Moffitt-West Drug Co	Borax and camphor	23 56
	Moffitt-West Drug Co	126 lbs. sponges	396 90
June, '95.	St. Louis Lantern Co	4 lantern globes	40
	A. Kurtzeborn & Son	Repair of clocks No. 12 and 28	3 00
	Missouri Lamp and Mfg. Co	Repair of lanterns, etc.	5 41
	John E. Bonecum	Heating apparatus and repairs	57 00
	Peter Wagner C. and W. Mfg. Co	2 wrenches	4 50
	Kupferle Bros. Mfg. Co	Sundry repairs	8 95
	Saml. Cupples Woodenware Co	1 coil Manila rope	8 05
	Casper Stehle & Sons	10 bed cots E. Co. 7	26 50
	St. Louis Woodenware Works	1 load sawdust	1 25
	H. Grassmuck	400 lbs. Spelterine hoof packing	20 00
	J. Kennard & Sons	36 yards linoleum	23 40
	Zittlosen Mfg. Go	36 10-foot flags	144 00
	John Lindsay	3 Hunter life saving nets	169 50
July, '96.	Casper Stehle & Sons	Repair of window screens	1 50
	E. J. Gross	Express charges paid	13
	Missouri Lamp and Mfg. Co	Repair of lanterns, etc.	17 27
	Waters-Pierce Oil Co	8 bbls. coal oil	37 30
	H. Grassmuck	375 lbs. Spelterine hoof packing	18 75
	Moffitt-West Drug Co	Feather dusters and harness prep.	57 75
	Day Rubber Co	3 life-saving nets	171 00
	Kupferle Bros. Mfg. Co	Sundry repairs	7 19
Aug., '96.	E. J. Gross	Transfer charges paid	25
	United States Awning Co	Repairs of awnings	5 00
	John E. Bonecum	Heating apparatus repairs	19 90
	The Bell Telephone Co	3 months rent of telephone	25 00
	Board of Trustees, Mo. Bot. Gardens	6 months rent of lot E. H. No. 23	42 50
	Chas. E. Swingley, Chief F. D	Expense to Chief's Convention	285 00
	Missouri Lamp and Mfg. Co	Repairs of lanterns, etc.	3 02
	Joseph Wangler Boiler Co	Repair of heater	2 50
	Cahill, Swift & Co	Repair of heater	5 10
	Kupferle Bros. Mfg. Co	Sundry repairs	18 19
	B. T. Heiningham	35 lbs. oleite of iron	12 25
	Moffitt-West Drug Co	1 gross lampwick	35

Aug., '96.	H. Grassmuck	575 lbs. Spelterine hoof packing	$28	75
	Louis Schnell	10 doz. cotton mops	33	00
Sept., '96.	Chas. E. Swingley, Chief F. D	Express charges paid	1	35
	St. Louis Lantern Co	5 lantern globes		65
	St. Louis Calcium Light Co	40 ft. oxy. hyd. gas	6	00
	Missouri Lamp and Mfg. Co	Repairs of lanterns, etc.	11	62
	Whipples Ins. Pro. Agency	Corrections on Ins. maps	56	00
	John E. Bonecum	Repair of oil tanks	39	80
	P. J. Cooney Mfg. Co	Repair of chain droppers No. 34	140	00
	Kupferle Bros. Mfg. Co	Repair of heating apparatus	134	96
	Barnard Stamp Co	1 rubber stamp and pad		85
	Miller-Teasdale Co	5 doz. cans harness dressing	9	00
	Leonard & Ellis	4 bbls. machine oil	103	30
	Waters-Pierce Oil Co	8 bbls. coal oil	37	71
	Simmons Hdw. Co	4 dozen harness pulleys	14	00
	Simmons Hdw. Co	Sundry store room supplies	71	51
	George Moeller	20 doz. corn brooms	70	00
	Mound City Hardware Co	1 doz. cross-cut saws	16	20
	Mound City Hardware Co.	Stepladders and wheelbarrows	49	80
	Smith-Premier Type Writer Co	1 typewriting machine	113	75
	August Holthaus Saddlery Co	2 doz. Spanner belts	18	00
Oct., '96.	Missouri Lamp and Mfg. Co	Repair of lanterns, etc.	7	05
	John E. Bonecum	Repair of heating apparatus	20	05
	Missouri Lamp and Mfg Co.	3 doz. Dietz tubular lanterns	87	00
	M. M. Buck & Co	6 Samson jacks	19	50
	M. M. Buck & Co	6 Prentiss swivel vises	52	50
	John Damm	6 doz. currycombs	10	50
	John Damm	6 doz. stable brooms	57	00
	Herman Eisenhardt	50 boxes family soap	87	50
	George P. Jones & Co	1 bbl. lard and 1 bbl. castor oil	53	56
	Mound City Hardware Co	2,000 ft. hemp sash cord	9	00
	Mound City Hardware Co.	2,000 ft. harness cord	32	90
	Mound City Hardware Co	6 doz. feather dusters	29	00
	Moffitt-West Drug Co	107 lbs. sponges	337	05
	Moffitt-West Drug Co	3 doz. chamois skins	13	50
	George Grassmuck, Jr.	225 lbs. Spelterine hoof packing	11	25
	Kupferle Bros. Mfg. Co	Heating apparatus repairs	244	96
Nov., '96.	C. E. Swingley, Chief F. D	Transfer charges paid		37
	St. Louis Lantern Co	Repair of lanterns, etc.	1	65
	Missouri Lamp & Mfg. Co	Repair of lanterns, etc.	6	49
	The Bell Telephone Co	3 months rent of telephone	25	00
	John E. Bonecum	Heating apparatus repairs	35	50
	Joseph F. Wangler Boiler Co.	Heating apparatus repairs No. 7 and No. 33	15	75
	Kupferle Bros. Mfg. Co	Sundry repairs	128	70
	Miller Smoke Protector Co	1 smoke protector	4	50
	Louis Schnell	1 case lye	2	80
	Mound City Hardware Co	6 doz. saw files	5	76
	Ph. Gruner Bros. Lumber Co.	Material for vise bench No. 7	9	60
	George Grassmuck, Jr.	550 lbs. Spelterine hoof packing	27	50
	Waters-Pierce Oil Co	8 bbls. coal oil	37	53
	Meyer Bros. Drug Co	25 boxes Castile soap	50	94
	Fire Extinguisher Mfg. Co	6 electric wire cutters	120	00
Dec., '96.	E. J. Gross	Transfer charges paid	1	10
	Aug. Kern Supply Co	Repair of horse clipping machine	26	25
	Joseph F. Wangler Boiler Co.	Repair of heating apparatus No. 20	37	50
	John E. Bonecum	Repair of heating apparatus tanks	41	00
	Kupferle Bros. Mfg. Co	Sundry repairs	201	38
	Simmons Hardware Co	3 doz. quart paint cans	1	80
	Simmons Hardware Co	Oil cans and ax handles	12	60
	Moffitt-West Drug Co	3 doz. paint brushes	4	50
	A. D. Reed	4 Farley chain drills	10	00
	George Grassmuck	775 lbs. Spelterine hoof packing	38	75
Jan., '97.	E. J. Gross	Transfer charges paid		25

Jan., '97.	Richard Garstang	1 heater grate	$1 25
	St. Louis Lantern Co	Repair of lanterns	1 60
	Missouri Lamp & Mfg. Co	Repair of lanterns, etc.	22 05
	John E. Bonecum	Repair of coal breakers	20 00
	A. W. Skinner & Co	Sundry repairs	4 25
	Kupferle Bros. Mfg. Co	Sundry repairs	49 55
	P. J. Cooney Mfg. Co	Chain dropping devices Nos. 12 and 18	658 00
	George Grassmuck & Co.	425 lbs. Spelterine hoof packing	21 25
	George Moeller	20 doz. corn brooms	70 00
	John Damm	6 doz. wall brushes with handles	66 00
	Goodyear Rubber Co	1 doz. lineman's gloves	15 00
	Simmons Hardware Co	2 doz. granite acid pitchers	21 60
	Barrett Mfg. Co	10 gals. asphaltum	3 00
	Waters-Pierce Oil Co	8 bbls. coal oil	35 06
	Simmons Hardware Co	6 doz. oak stable buckets	25 50
Feb., '96.	F. Meyrose Lamp and Mfg. Co	Repair of lanterns	1 35
	Missouri Lamp and Mfg. Co	Repair of lanterns	3 06
	Koken Iron Works Co	Putting up hitching-post	3 75
	The Bell Telephone Co	3 months rent of telephone	25 00
	Samuel Cupples Hardware Co	6 doz. scrub brushes	10 50
	Moffitt-West Drug Co	6 doz. feather dusters	14 40
	George Grassmuck, Jr	400 bbs. Spelterine hoof packing	20 00
	Cleaner Mfg. Co	6 doz. quarts polishine	27 00
	Kupferle Bros. Mfg. Co	Heating apparatus repairs	62 55
Mar., '97.	E. J. Gross	Express and transfer charges paid	2 01
	Aug. Kern Barber Supply Co.	Repair of horse clipping machine	14 10
	Missouri Lamp & Mfg. Co	Repair of lanterns, etc.	8 57
	Board of Trustees Mo. Bot. Garden	Rent of lot E. H. 23	42 50
	St. Louis Calcium Light Co.	Limes and oxy. hyd. gas	7 00
	Fire Extinguisher Mfg Co	Freight charges on two trucks	75 00
	John Spuck	For chain-dropping devices	1,050 39
	P. J. Cooney Mfg. Co	For chain-dropping devices	292 05
	Kupferle Bros. Mfg. Co	Sundry heating apparatus repairs	30 27
	George Grassmuck, Jr	150 lbs. Spelterine hoop-packing	7 50
	B. F. Kreiningham	50 lbs. oleite iron	17 50
	Moffitt-West Drug Co	Sperm and neatsfoot oil	19 00
	Louis Schnell	6 doz. cotton mops	20 70
	Mound City Hardware Co	2,000 ft. sash cord	12 00
	John Damm	4 doz. horse brushes	96 00
	John Damm	6 doz. horse cards	6 00
	Samuel Cupples W. W. Co	6 coils Manila rope	75 56
	Waters-Pierce Oil Co	8 bbls. coal oil	37 93
	Crown Linseed Oil Co	1 bbl. castor oil	38 76
	Leonard & Ellis	3 bbs. machine oil	70 80
	George Moeller	20 doz. corn brooms	70 00
	Miller Smoke Protector Co	2 doz. smoke protectors	108 00
	Simmons Hardware Co	Wheelbarrows and step-ladders	112 08
	Simmons Hardware Co	Sundry store room supplies	149 20
	H. L. Ettman & Co	126 1-2 lbs. S. W. sponges	334 98
			$9,185 52

PRINTING, STATIONERY AND OFFICE EXPENSES.

Apr., '96.	Saml. F. Myerson Printing Co	2-cent stamps and postal cards	$10 00
	Saml. F. Myerson Printing Co.	Inspection and fire reports	84 00
	Gould Directory Co	1 copy City Directory	6 00
July, '96.	Saml. F. Myerson Printing Co	Pay-roll sheets	84 75
Aug., '96.	Saml. F. Myerson Printing Co	1 M. indorsement cards	4 75
	Saml. F. Myerson Printing Co	2 M. reports to chief	7 50
	Saml. F. Myerson Printing Co	1 M. daily reports of fire	5 50
	Woodward & Tiernan	Sundry office supplies	17 85

Sept , '96.	Saml. F. Myerson Printing Co	2-cent stamps and postal cards	$10 00
	Saml. F. Myerson Printing Co	2 M. Japanese type-machine paper	10 00
	Saml. F. Myerson Printing Co	500 sheets recap. pay-rolls	22 00
	Geo. S. Harig & Co	500 sheets inventory blanks	12 00
	Woodward & Tiernan	2 indexed sick books	7 50
	Woodward & Tiernan	2 indexed emergency repairs	12 00
	Woodward & Tiernan	2 reams journaled paper	11 20
	Woodward & Tiernan	6 bill-head and letter files	5 40
Oct., '96.	Saml. F. Myerson Printing Co	Slips for fire alarm books	25 00
Nov., '96.	Saml. F. Myerson Printing Co	500 sheets monthly reports	24 50
	Saml. F. Myerson Printing Co	5 M. reports to chief	42 50
	Saml. F Myerson Printing Co	200 bound copies annual report	518 00
Dec., '96.	Saml. F. Myerson Printing Co	100 5-cent stamps	5 00
	Saml. F. Myerson Printing Co	5 M. requisition forms	13 50
	Saml. F. Myerson Printing Co.	5 M. bldg. inspection forms	27 50
Jan., '97.	Saml. F. Myerson Printing Co	1 M. store room requisitions	8 00
	Saml. F. Myerson Printing Co	4 M. slips for fire alarm books	17 50
	Woodward & Tiernan	2-cent postage stamps	10 00
	Woodward & Tiernan Printing Co	1 M. envelopes, 1 M. forms	24 50
Feb., '97.	Woodward & Tiernan Printing Co	Sundry office supplies	18 56
	A. Whipple	17 bound volumes annual fire reports	12 75
Mar., '97.	Nixon-Jones Printing Co	Binding 25 copies annual report	6 50
	Saml. F. Myerson Printing Co	10 M. daily reports of fire	10 50
	Saml. F. Myerson Printing Co	2 doz. assistant chief's records	112 00
	A. Whipple	3 vols. insurance maps	150 00
			$1,336 76

VETERINARY SURGEON, AND HORSE MEDICINE.

Apr., '96.	H. F. James, Vet. Surgeon	Professonal services	$100 00
	Moffitt-West Drug Co	Sundry drugs	5 65
	Meyer Bros. Drug Co.	Sundry drugs	56 13
May, '96.	H. F. James, Vet. Surgeon.	Professional services	100 00
June, '96.	H. F. James, Vet. Surgeon	Professional services	100 00
July, '96.	H. F. James, Vet. Surgeon	Professional services	100 00
	Moffitt-West Drug Co	Sundry drugs	118 35
Aug., '96.	H. F. James, Vet. Surgeon	Professional services	100 00
	Moffit-West Drug Co	Sundry drugs	80 25
Sept., '96.	H. F. James, Vet. Surgeon.	Professional services	100 00
	Moffitt-West Drug Co	Sundry repairs	15 44
Oct., '96.	H. F. James, Vet. Surgeon	Professional services	100 00
Nov., '96.	H. F. James, Vet. Surgeon	Professional services	100 00
	Moffit-West Drug Co	Sundry drugs	138 18
	James C. Kelly	Veterinary dentistry	100 00
Dec., '96.	H. F. James, Vet. Surgeon	Professional services	100 00
	Meyer Bros. Drug Co.	Sundry repairs	16 70
Jan., '97.	H. F. James, Vet. Surgeon	Professional services	100 00
	Moffitt-West Drug Co.	Sundry drugs	47 65
Feb., '97.	H. F. James, Vet. Surgeon.	Professional services	100 00
	Meyer Bros. Drug Co.	Sundry drugs	19 15
Mch., '97.	H. F. James, Vet. Surgeon	Professional services	100 00
	Moffitt-West Drug Co	Sundry drugs	180 68
			$1,978 18

SALARY ACCOUNT.

Apr., '96.	Department pay-roll for month ending April 30	$41,688 66
May, '96.	Department pay-roll for month ending May 31	41,649 66
June, '96.	Department pay-roll for month ending June 30	41,969 97
July, '96.	Department pay-roll for month ending July 31	42,397 85
Aug., '96.	Department pay-roll for month ending August 31	42,944 22
Sept.,'96.	Department pay-roll for month ending September 30	43,039 33
Oct., '96.	Department pay-roll for month ending October 31	43,169 80
Nov., '96.	Department pay-roll for month ending November 30	43,273 99
Dec., '96.	Department pay-roll for month ending December 31	43,375 81
Jan., '97.	Department pay-roll for month ending January 31	43,358 67
Feb., '97.	Department pay-roll for month ending February 28	43,345 53
Mch.,'98.	Department pay-roll for month ending March 31	43,305 63
		$513,519 12

RECAPITULATION EXPENDITURES.

Repair of Veterinary Hospital Special	$1,193 00
Building repairs......For material and labor	10,976 74
New steam fire engine	4,400 00
New hook and ladder apparatus	1,400 00
New hose wagons	900 00
New hauling wagons	525 00
Damages	114 85
Engine repairing account	6,522 73
Hook and ladder repairing and equipment	8,563 03
Hose carriages and wagon repairing account	15,733 16
New hose couplings, nozzles and repairing same	20,568 05
New furniture, bedding and repairing same	2,173 80
Horse account	7,508 00
Horse feed and bedding account	15,203 23
Horseshoeing account	8,444 80
Harness equipment and repairing same	3,598 52
Fuel account	8,767 33
Ice account	989 29
Miscellaneous account	9,185 52
Printing, stationery and office expenses	1,336 76
Veterinary surgeon and horse medicine account	1,978 18
Salary account	513,519 12
Total	$643,601 11

CONDEMNED PROPERTY TURNED OVER TO THE COMPTROLLER AND SOLD BY THE COMMISSIONER OF SUPPLIES.

48 unserviceable horses	$776 75
Various lengths condemned hose	810 20
One condemned steam fire engine	400 00
M. F. oat and bran sacks	57 37
M. T. oil barrels	34 35
Sundry scrap iron	548 97
	$2,627 64

Respectfully submitted,

C. T. MOSS,
Secretary Fire Department.

SICK AND ABSENTEE REPORT.

DATE.	NAME.	POSITION.	COMPANY.	CAUSE OF ABSENCE.	TIME LOST
A.					
Aug. 19, '96	A. Altman.	Pipeman	Eng. Co. No. 29.	Inflammation of the bowels.	7 days.
Sept. 16,	G. R. Allers	Foreman	Eng. Co. No. 8.	Hands and face burned, box 883	No lay off
Jan. 27, '97	J. Ammon	Foreman	Eng. Co. No. 18.	Gravel	14 days.
B.					
April 2, '96	L. Berger	Pipeman	Eng. Co. No. 19.	La Grippe	1 day.
" 6,	G. Bruning*	Foreman	Eng. Co. No. 8.		
" 15,	J. F. Barry	Asst. Chief	2d District	Injured by explosion, box 364	68 days.
May 11,	H. T. Bridge	Foreman	Eng. Co. No. 9	Injured by falling wall, box 41	49 "
" 27,	M. J. Brennan	Asst. Foreman	Eng. Co. No. 32.	Stepped on nail	12 "
" 27,	G. Buettner	F. W. 4	Coal Passer.	Malaria	8 "
July 4,	F. Blanchard	Engineer.	Eng. Co. No. 34.	Cancer of jaw	150 "
" 5,	J. H. Busby	Driver	Eng. Co. No. 30	Erysipelas	9 "
" 6,	J. Buckley	Ladderman	H.&L. Co. No. 11	Injured while raising ladder	30 "
Aug. 31,	H. Barth	Ladderman	H.&L. Co. No. 1	Fell through pole hole	91 "
Sept. 9,	T. Boughtman	Driver	F. W. No. 4.	Malaria	4 "
" 15,	T. Boughtman	Driver	F. W. No. 4.	Malaria	3 "
" 15,	G. Broomfield	Pipeman	Eng. Co. No. 12.	Malaria	3 "
" 16,	F. H. Bobley	Pipeman	Eng. Co. No. 15.	Hand cut while hitching	20 "
" 16,	B. B. Brown	Ladderman	H. & L. Co. No. 4	Thrown from seat while responding to alarm, box 155	16 "
" 26,	H. Bruning	Engineer.	Eng. Co. No. 8.	Rheumatism	30 "
Oct. 6,	J. F. Barry	Asst. Chief	2d District	Rheumatism	12 "
" 24,	M. J. Brennan	Asst. Foreman	Eng. Co. No. 32.	Chills and fever	6 "
" 29,	C. E. Bent	Ladderman	H. & L. Co. No. 5	Boil on jaw	6 "
Nov. 2,	H. Bruning	Engineer.	Eng. Co. No. 8 .	Rheumatism	15 "
Dec. 5,	B. B. Brown	Ladderman	H. & L. Co. No. 4	Severe cold	1 "
" 6,	J. H. Busby	Driver	Eng. Co. No. 30.	Erysipelas.	8 "
" 7,	H. F. Burleigh	Pipeman	Eng. Co. No. 21.	La Grippe	2 "
" 7,	J. Belrose	Asst. Foreman	Eng. Co. No. 22.	Rheumatism	33 "
" 10,	T. Blanchard†	Engineer.	Eng. Co. No. 34.	Cancer of jaw.	
" 18,	J. H. Busby	Driver	Eng. Co. No. 30.	Erysipelas	10 "
" 31,	F. Buder	Asst. Foreman	Eng. Co. No. 14.	Foot crushed by horse	19 "
Jan. 6, '97	J. H. Busby	Driver.	Eng. Co. No. 30.	Rupture.	36 "
" 11,	M. J. Brennan	Asst. Foreman	Eng. Co. No. 32	Rheumatism	35 "
Feb. 5,	S. Buchanan	Engineer.	Eng. Co. No. 11.	Fell from apparatus	10 "
" 15,	J. Butler	Engineer.	Eng. Co. No. 15.	Malaria.	9 "
" 20,	J. Barrett.	Driver	Eng. Co. No. 13.	La Grippe	5 "
C.					
April 8, '96	J. F. Coogan	Engineer.	Eng. Co. No. 9.	Rheumatism	7 days
" 24,	P. Collins	Asst. Foreman	Eng. Co. No. 31.	Sprained knee	4 "
May 11,	J. Cronan.	Pipeman	Eng. Co. No. 4.	Injured by falling walls, box 41.	16 "
June 5,	J. Collins	Asst. Foreman	Eng. Co. No. 31.	Malaria.	15 "
" 8,	J. F. Coogan‡	Engineer.	Eng. Co. No. 9.	Locomotor Ataxia.	
" 23,	W. Curran	Watchman	Eng. Co. No. 7.	Chills and fever	14 "
July 13,	J. Cuolahan.	Fireman	Eng. Co. No. 4.	Fingers crushed	14 "
" 17,	P. W. Cleary	Engineer.	Eng. Co. No. 10.	Rheumatism	90 "
Aug. 5,	T. Colgan.	Watchman.	Eng. Co. No. 9.	Severe cold.	1 "
" 6,	P. Conway	Pipeman	Eng. Co. No. 2.	Lumbago	11 "
" 8,	J. Cartan.	Watchman	Eng. Co. No. 23.	Rheumatism	14 "
" 15,	W. Curson	Pipeman	Eng. Co. No. 7.	Kidney disease	2 "
" 31,	P. Conway	Pipeman	Eng. Co. No. 2.	Lumbago.	17 "
Sept. 15,	W. Curson	Pipeman	Eng. Co. No. 7.	Malaria.	8 "
" 27,	A. Crouch	Engineer.	Eng. Co. No. 13.	Carbuncle.	15 "
" 27,	P. Conway	Ladderman	H. & L. Co. No. 6	Rheumatism	9 "
Oct. 10,	C. C. Clayton	Asst. Foreman	Eng. Co. No. 23.	La Grippe	9 "
" 22,	J. Collins.	Engineer.	Eng. Co. No. 24	Rheumatism	33 "
Jan. 6, '97	J. Cuolahan	Fireman	Eng. Co. No. 4.	Cramps	5 "
" 25,	A. P. Christie	Foreman	H. & L. Co. No. 8	Chills and fever	10 "
Feb. 5,	J. Churchill	Pipeman	Eng. Co. No. 24.	Malaria	8 "
" 20,	J. Cartan.	Watchman	Eng. Co. No. 23.	Dropsy	
Mar. 17,	P. Conway	Ladderman	H. & L. Co. No. 6	Lame back	2 "
D.					
April 27, '96	W. Dehlendorf.	Fireman	Eng. Co. No. 25.	La Grippe	5 days.
June 5,	T. Dolan	Driver	F. W. Co. No. 7.	Rheumatism	8 "
" 19,	W. H. Dreher	Ladderman	H. & L. Co. No. 6	Malaria.	19 "
Sept. 21,	M. Dundon.	Driver	H.&L. Co. No. 11	Injured in collision with street car	9 "
Jan. 26, '97	H. Doeding	Ladderman	H. & L. Co. No. 3	La Grippe	2 "
" 30,	D. Deering.	Asst. Foreman	Eng. Co. No. 9.	Sprained ankle	3 "
Feb. 2,	P. Doyle	Fireman	Eng. Co. No. 13.	La Grippe	13 "
" 10,	E. Dempsey	Fireman	Eng. Co. No. 5.	La Grippe	4 "
E.					
July 15, '96	M. Emig	Driver	Eng. Co. No. 30.	Rheumatism	22 days.
Sept. 2,	C. Eckert	Driver	Eng. Co. No. 7.	Malaria	7 "
" 25,	C. Eckert	Driver	Eng. Co. No. 7.	Malaria	6 "
Jan. 1, '97	J. Early	Driver	Eng. Co. No. 21.	Injured knee on sliding pole.	10 "
" 1,	Wm. Ellenberger	Driver	Eng. Co. No. 1.	Injured by being thrown from apparatus..	

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* Pensioned.

† Died March 17, 1897.

‡ Died September 14, 1896.

DATE.	NAME.	POSITION.	COMPANY.	CAUSE OF ABSENCE.	TIME LOST
			F.		
April 15, '96	T. Finnegan	Pipeman	Eng. Co. No. 25.	Hands and face burned, box 364	68 days.
June 21,	F. Faucett	Driver	Eng. Co. No. 13.	Foot crushed by horse	5 “
July 6,	T. Fitzpatrick	Foreman	Eng. Co. No. 6.	Leg injured on sliding pole	20 “
“ 6,	A. Forrest	Fireman	Eng. Co. No. 14.	Inflammation of the bowels	5 “
Oct. 22,	F. Fitzgerald	Pipeman	Eng. Co. No. 10.	Neuralgia	3 “
“ 24,	T. Fitzgerald	Watchman	Eng. Co. No. 14.	Rheumatism	3 “
Nov. 3,	T. Fitzpatrick	Foreman	Eng. Co. No. 6.	Sprained ankle	17 “
“ 4,	G. Fey	Pipeman	Eng. Co. No. 3.	Malaria	4 “
“ 6,	J. Finn	Pipeman	Eng. Co. No. 25.	Injured in collision between Asst. Chief Coughlin and hose wagon 25, box 287	20 “
“ 28,	P. Finnegan	Watchman	Eng. Co. No. 12.	Rupture	3 “
Dec. 21,	P. Finnegan.	Watchman	Eng. Co. No. 12.	Rupture	2 “
Jan. 11, '97	P. Finnegan.	Watchman	Eng. Co. No. 12.	Bronchitis	14 “
“ 30,	F. J. Frankel	Asst. Foreman	Eng. Co. No. 24.	Injured in collision with street car, box 227	6 “
Feb. 18,	P. Finnegan	Watchman	Eng. Co. No. 12.	Bronchitis	4 “
“ 18,	W. Foley	Driver	Eng. Co. No. 33.	Foot crushed by horse	10 “
Mar. 1,	F. Faucett	Ladderman	H. & L. Co. No. 7	La Grippe	8 “
“ 12,	F. Fahey	Pipeman	Eng. Co. No. 24.	Hand cut by falling glass	1 “
“ 16,	F. Fitzgerald	Pipeman	Eng. Co. No. 10.	Neuralgia	
“ 16,	P. Finnegan	Watchman	Eng. Co. No. 12.	Bronchitis	
			G.		
April 15, '96	W. Gleason	Asst. Foreman	H. & L. Co. No. 7	Hands and face burned, box 364	96 days.
“ 15,	E. Greenlaw	Driver	Eng. Co. No. 2.	Heart disease	21 “
“ 19,	J. Green	Driver	Eng. Co. No 18	Foot crushed by hose wagon	24 “
May 9,	L. Guitar	Engineer	Eng. Co. No. 32.	Foot crushed by H. & L. No. 8	18 “
“ 27,	J. Guiney.	Pipeman	Eng. Co. No. 22.	Injured by falling timbers during cyclone	166 “
Aug. 22,	W. J. Garvin	Pipeman	Eng. Co. No. 18.	Malaria	9 “
Oct. 6,	H. Goodejohann	Pipeman	Eng. Co. No. 32.	Cramps	2 “
Nov. 17,	E. Grives	Ladderman	H. & L. Co. No 8	Stomach trouble	50 “
“ 21,	J. Green	Driver	Eng. Co. No. 18.	Injured by wagon upsetting	7 “
“ 23,	E. Green	Driver	Eng. Co. No. 15.	Struck with stone thrown at mad dog	10 “
Dec. 20,	H. Goodejohann	Pipeman	Eng. Co. No. 32.	Headache	1 “
Jan. 22, '97	J. Gurney	Pipeman	Eng. Co. No. 22.	Rheumatism	24 “
Feb. 1,	J. Gilfoil	Foreman	H. & L. Co. No. 6	Wrist cut by falling glass, East St. Louis, Ills.	15 “
“ 2,	E. Green	Driver	Eng. Co. No. 15.	Fell through pole hole	15 “
			H.		
April 3, '96	J. Hines	Driver	F. W. No. 1	La Grippe.	3 days.
“ 6,	J. Hennessy	Coal Passer	F. W. No. 1	Rheumatism	3 “
“ 8,	J. Hines.	Driver	F. W. No. 1	La Grippe.	27 “
May 11,	A. Hunt	Asst. Foreman	Eng. Co. No. 16.	Injured by falling walls, Box 41	25 “
“ 11,	J. Hennessy	Coal Passer	F. W. No. 1	Falling from wagon, back injured.	11 “
June 5,	M. Hanlon	Ladderman	H. & L. Co. No. 7	Malaria	5 “
July 31,	J. Hennessy	Coal Passer.	F. W. No. 1	Prostrated by the heat	6 “
Aug. 23,	J. Healy	Driver	H. & L. Co. No. 10	Piles	10 “
Sept. 11,	J. Hennessy	Coal Passer	F. W. No. 1	Hiccoughs	14 “
Oct. 11,	W. Hawe	Driver	H. & L. Co. No. 3	Shoulder dislocated	15 “
“ 11,	W. How	Driver	Eng. Co. No. 5	Abscess on leg	86 “
“ 28,	J. Hennessy	Watchman	Eng. Co. No. 33.	Cramps	1 “
Nov. 6,	Chas. Holland	Asst. Foreman	H. & L. Co. No. 3	Foot crushed by horse	24 “
Dec. 15,	J. H. Hellenkoetter	Foreman	Eng. Co. No. 19.	Rheumatism	4 “
Jan. 20, '97.	J. Hanmore	Driver	Eng. Co. No. 22.	La Grippe	5 “
Feb. 1,	J. Hennessy	Watchman	Eng. Co. No. 33.	Blood poison	
“ 1,	E. Hull	Watchman	Eng. Co. No. 27.	Rheumatism	10 “
“ 19,	J. Hines	Driver	F. W. No. 1	Stitch in side	9 “
Mar. 18,	G. Hardesty	Ladderman	H. & L. Co. No. 6	Hand cut by falling glass, Box 45	
“ 18,	M. Horning	Driver	Eng. Co. No. 19.	Eczema	
			K.		
April 9, '96.	M. Kehoe	Asst. Foreman	Eng. Co. No. 26	Malaria	7 days.
May 9,	J. A. King	Watchman	Eng. Co. No. 19	Stomach trouble	4 “
June 7,	W. Kamper	Watchman	Eng. Co. No. 8	Rheumatism	13 “
“ 12,	C. H. Krenning	Ladderman	H. & L. Co. No. 6	Rupture	12 “
“ 15,	P. Killcullen	Pipeman	Eng. Co. No. 13	Malaria	5 “
July 21,	W. Kamper	Watchman	Eng. Co. No. 8	Nervous Prostration	29 “
Aug. 22,	J. Kendall	Pipeman	Eng. Co. No. 1	Malaria	9 “
Sept. 6,	H. Klunk	Foreman	Eng. Co. No. 26	Hands and face burned, Box 883	4 “
Oct. 6,	C. H. King	Foreman	Eng. Co. No. 29	Malaria	2 “
Dec. 2,	J. A. King	Watchman	Eng. Co. No. 19	Rheumatism	8 “
“ 11,	F. Kossman	Foreman	Eng. Co. No. 3	LaGrippe	6 “
“ 20,	J. A. King	Watchman	Eng. Co. No. 19	Rheumatism	13 “
Jan. 1, '97.	J. Karb	Pipeman	Eng. Co. No. 11	Stepped on nail	15 “
“ 2,	C. H. King	Foreman	Eng. Co. No. 29	Lumbago	16 “
“ 9,	J. Kelly	Ladderman	H. & L. Co. No. 7	Malaria	2 “
Feb. 3,	L. Kauffman	Driver	H. & L. Co. No. 10	Stomach trouble	15 “
Mar. 8,	W. King.	Watchman	Eng. Co. No. 29	Ague	8 “
“ 12,	C. H. King	Foreman	Eng. Co. No. 29	Chills and Fever	6 “
			L.		
April 11, '96	P. Larkin	Ladderman	H. & L. Co. No. 2	Injured by assault on day off	9 days.
Aug. 19,	P. Larkin	Ladderman	H. & L. Co. No. 2	Abcess in ear	3 “
Nov. 13,	E. C. Lavin	Pipeman	W. T. Co. No. 2.	Rheumatism	3 “
Jan. 5, '97.	E. C. Lavin	Pipeman	W. T. Co. No. 2	Rheumatism	6 “
Feb 1,	P. Larkin	Ladderman	H. & L. Co. No. 2	Abcess in ear	21 “
Mar. 10,	S. Little	Fireman	Eng. Co. No. 34	Heart disease	

DATE.	NAME.	POSITION.	COMPANY.	CAUSE OF ABSENCE.	TIME LOST
M.					
May 27, '96.	C. T. Moss	Secretary		Injured during tornado	92 days.
July 23,	J. L. Miller	Driver.	Eng. Co. No. 9	Malaria	5 "
Sept. 21,	W. Mahoney	Ladderman	H. & L. Co. No 11	Injured in collision with street car	12 "
Oct. 2,	E. Murphy	Watchman	Eng. Co. No. 2	Cold	1 "
Feb. 10, '97	J. C. Meyers	Engineer	Eng. Co. No. 3	LaGrippe	15 "
Feb. 20,	C. V. Mankel	Pipeman	Eng. Co. No. 32	Result of an old injury	12 "
Mar. 6,	E. Murphy	Watchman	Eng. Co. No. 2	Rheumatism	3 "
" 18,	C. V. Mankel	Pipeman	Eng. Co. No. 32	Collar bone broken by upsetting of Engine, Box 61	Still off.
MC.					
May 29, '96	J. McCormack	Watchman	Eng. Co. No. 25	Rheumatism	3 days.
June 10,	J. McCormack	Watchman	Eng. Co. No. 25	Rheumatism	5 "
July 30,	C. S. McDonaugh	Driver	Eng. Co. No. 28	Malaria	4 "
Dec. 4,	W. McCaw	Watchman	Eng. Co. No. 5	General debility	Still off.
Jan. 23, '97	P. McCarthy	Engineer	Eng. Co. No 6	Rheumatism	23 days.
Jan. 25,	C. McCarthy	Driver	H. & L. Co. No. 4	LaGrippe	16 "
Feb. 2,	J. McCormack	Watchman	Eng. Co. No. 25	Cold	1 "
Feb. 12,	C. McSorley	Pipeman	Eng. Co. No. 28	Inflammation of the Bowels	11 "
Feb. 24,	F. McBride	Ladderman	H. & L. Co. No 8	Stepped on nail at fire, Box 41.	10 "
Feb. 24,	J. McGillick	Driver	Eng. Co. No. 15	Pneumonia	Still off.
N.					
Oct. 26, '96	J. Neihaus	Driver	Eng. Co. No. 20	Thrown from appr'ts inj. both legs	116 days.
Feb. 1, 97.	J. Neihaus	Pipeman	Eng. Co. No. 19	Result of injury received Oct. 26	Still off.
O.					
April 15, '96	P. O'Brien	Driver	Eng. Co. No. 25.	Hands and face burned, Box 364	103 days.
May 11,	W. O. Donnell	Pipeman	Eng. Co. No. 16.	Injured by falling walls, Box 41	16 "
" 11,	G. Ost	Pipeman	Eng. Co. No. 16.	Injured by falling walls, Box 41	25 "
" 17,	M. O'Rourke	Coal Passer	F. W. No. 8	Catarrh	3 "
July 1,	G. Ost	Pipeman	Eng. Co. No. 16.	La Grippe	5 "
" 6,	M. O'Brien	Driver	F. W. No. 5	La Grippe	2 "
Aug. 4,	E. H. Ohlman	Asst. Foreman	H. & L. Co. No. 2	Malaria	2 "
" 11,	D. O. Connell	Asst. Foreman	Eng. Co. No. 15.	La Grippe	7 "
Oct. 8,	M. O'Rourke	Coal Passer	F. W. No. 8	Piles	5 "
Nov. 23,	E. H. Ohlman	Asst. Foreman	H. & L. Co. No. 2	Malaria	2 "
Dec. 8,	J. B. Owens	Fireman	Eng. Co. No. 12.	Constipation	20 "
Feb. 16, '97.	J. F. O'Brien	Driver	Eng. Co. No. 32.	Fistula	14 "
" 20,	M. O'Rourke	Coal Passer	F. W. No. 8	Injury by falling from wagon	14 "
" 21,	J. O'Brien	Pipeman	Eng. Co. No. 6	Blood poison	25 "
P.					
April 3, '96.	Thos. Prout	Driver	F. W. No. 8	Rheumatism	30 days.
" 13,	P. Powers	Pipeman	Eng. Co. No. 33.	La Grippe	4 "
" 18,	F. Placke	Asst. Foreman	H. & L. Co. No. 6	Rib fractured	3 "
May 11,	F. Parinia	Driver	Eng. Co. No. 18.	Fever	2 "
" 20,	J. Pillman.	Watchman	Eng. Co. No. 24.	Malaria	34 "
June 5,	F. A. Parinia	Driver	Eng. Co. No. 18.	Malaria	6 "
" 17,	T. Prout	Driver	F. W. No. 8	Rheumatism	12 "
Sept. 13,	A. Phillips	Watchman	Eng. Co. No. 17.	General debility	65 "
Oct. 2,	W. T. Pilgrim	Fireman	Eng. Co. No. 31.	Malaria	5 "
" 10,	J. Pillman	Watchman	Eng. Co. No. 24.	General debility	46 "
Nov. 23,	A. Phillips	Watchman	Eng. Co. No. 17.	General debility	19 "
Jan. 7, '97.	T. Prout	Driver	F. W. No. 8	Inflammation of the bowels	24 "
Feb. 7,	A. Phillips	Watchman	Eng. Co. No. 17.	Dropsy	Still off.
" 16,	O. Pelloux	Ladderman	H & L. Co. No. 10	Injured coming down pole	8 days.
" 18,	T. Prout	Driver.	F. W. No. 8	Rheumatism	16 "
" 25,	W. P. Pilgrim	Fireman	Eng. Co. No. 31.	Malaria	33 "
Mar. 4,	J. Pillman	Watchman	Eng. Co. No. 24.	General debility	Still off.
Q.					
Dec. 3, '96.	J. Quinn	Driver	Eng. Co. No. 10.	Injured in collision with street car responding to Box 253	25 days.
R.					
May 29, '97.	C. E. Russell	Watchman	Eng. Co. No. 14.		D'd June 11
June 19,	F. Reedy	Pipeman	Eng. Co. No. 4.	Malaria	7 days.
" 24,	R. Russell	Driver	Eng. Co. No. 6.	Lung trouble	38 "
July 4,	J. Russell	Watchman	Eng. Co. No. 22.	La Grippe	9 "
" 13,	J. Reidmeyer	Driver	Eng. Co. No. 26.	Malaria	29 "
Aug. 23,	J. Reidmeyer	Driver	Eng. Co. No. 26.	Malaria	4 "
Sept. 1,	J. A. Rice	Watchman	Eng. Co. No. 28.	Inflammation of the bowels	30 "
" 6,	J. Ryan	Pipeman	Eng. Co. No. 8.	Hands and face burned, Box 883	No lay off.
" 6,	F. Reimler	Pipeman	Eng. Co. No. 8.	Hands and face burned, Box 883	" "
" 13,	A. Ruschenberg.	Asst. Foreman	Eng. Co. No. 17.	Injured while respond'g to Box 181	10 days.
" 28,	F. Reedy	Pipeman	Eng. Co. No. 4.	Chills and fever	6 "
Oct. 4,	F. Reedy	Pipeman	Eng. Co. No. 4.	Chills and fever.	2 "
" 1,	M. Reardon	Pipeman	Eng. Co. No. 28.	Injured jumping from apparatus	20 "
Nov. 3,	A. Reese	Pipeman	Eng. Co. No. 9.	Malaria	3 "
Feb. 6, '97.	F. Reedy	Pipeman	Eng. Co. No. 4.	Chills and Fever	2 "
" 6,	D. R. Rowe	Asst. Foreman	H. & L. Co. No. 4	La Grippe	5 "
" 6,	E. Rudd		F. W. No. 1	Typhoid Pneumonia	D'd Feb. 21
" 23,	D. R. Rowe	Asst. Foreman	H. & L. Co. No. 9	Injured by falling brick	7 days.
" 24,	F. W. Rucker	Asst. Chief	First District	Eyes injured by falling plaster, Box 41	11 "
Mar 8	A. Ruschenberg	Asst. Foreman	H. & L. Co. No. 5	Knee injured jumping from car	7 "
S.					
April 3, '96	J. Shaughnessy	Driver	Eng. Co. No. 2.	Nervous prostration	7 days.
" 8,	C. Swadie	Pipeman	Eng. Co. No. 30.	Lame back	5 "
" 15,	D. Steele	"	Eng. Co. No. 26.	Malaria	3 "
" 18,	A. Sheridan	Watchman	Eng. Co. No. 26.	La Grippe	9 "

DATE.	NAME.	POSITION.	COMPANY.	CAUSE OF ABSENCE.	TIME LOST
May 3,	T. Shea	Engineer	Eng. Co. No. 25.	Boil in rectum	6 days.
“ 6,	C. D. Shepard	Fireman	Eng. Co. No. 19.	Tripped on chair resp'g to an al'm.	1 “
“ 7,	D. Steele	Pipeman	Eng. Co. No. 26.	Malaria	2 “
“ 13,	P. J. Stanton	Driver	Eng. Co. No. 21.	Fell from apparatus	23 “
“ 27,	G. W. Smith	Fireman	Eng. Co. No. 7.	Struck by falling timber during cy.	9 “
“ 27,	E. Schlesinger	Pipeman	Eng. Co. No. 31.	Malaria	7 “
June 1,	J. J. Schweiger	“	W. T. No. 1	La Grippe	12 “
“ 13,	N. Schultz	Watchman	Eng. Co. No. 3.	Rheumatism	4 “
“ 23,	G. T. Smith	Asst. Foreman	Eng. Co. No. 20.	Malaria	4 “
July 11,	E. Schlesinger	Pipeman	Eng. Co. No. 31.	Kidney disease	44 “
“ 11,	G. T. Smith	Asst. Foreman	Eng. Co. No. 20.	Malaria	1 “
“ 21,	J. F. Sanford	Engineer	Eng. Co. No. 21.	Abcess of tooth	2 “
“ 22,	G. T. Smith	Asst. Foreman	Eng. Co. No. 20.	Malaria	2 “
“ 26,	G. Schoppe	Watchman	Eng. Co. No. 15.	La Grippe	6 “
Aug. 1,	F. Seidekum	“	Eng. Co. No. 32.	La Grippe	14 “
“ 4,	E. Schneider	Driver	Eng. Co. No. 35.	Dropsy	71 “
“ 4,	G. T. Smith	Asst. Foreman	Eng. Co. No. 20.	Malaria	4 “
“ 4,	G. Schoppe	Watchman	Eng. Co. No. 15.	La Grippe	3 “
“ 24,	J. Sullivan	Driver	Eng. Co. No. 4.	La Grippe	5 “
“ 28,	W. Seideberg	Engineer	Eng. Co. No. 12.	Cramps	8 “
Sept. 1,	C. Swadie	Pipeman	Eng. Co. No. 30.	Lame back	5 “
“ 10,	L. Schlagel	Ladderman	H. L. Co. No. 3.	Nervous prostration	4 “
“ 16,	J. J. Schweiger	“	H. L. Co. No. 4.	Thrown from seat while responding to an alarm from Box 155	No lay off.
“ 23,	W. H. Smith	Watchman	Eng. Co. No. 31.	Lung fever	21 days.
“ 28,	A. Shea	Coal Passer	F. W. No. 9	Malaria	4 “
Oct. 8,	E. Schlesinger	Pipeman	Eng. Co. No. 31.	Kidney disease	125 “
“ 8,	A. Shea	Coal Passer	F. W. No. 9	Malaria	18 “
“ 20,	Wm. Schuster	Fireman	Eng. Co. No. 22.	Rheumatism	8 “
Nov. 10,	W. Seideberg	Engineer	Eng. Co. No. 12.	Knee cap injured jumping from street car	11 “
Jan. 7, '97	G. W. Smith	Foreman	Eng. Co. No. 7.	Kicked in the stomach by horse while hitching for Box 185	81 “
“ 7,	L. Schrieber	Pipeman	Eng. Co. No. 11.	La Grippe	11 “
“ 26,	E. Schneider	Watchman	Eng. Co. No. 7.	Dropsy	3 “
“ 28,	D. Small	Asst. Foreman	Eng. Co. No. 21.	Pneumonia	19 “
Feb. 1,	T. Sullivan	Pipeman	Eng. Co. No. 31.	Fell from ladder	1 “
“ 19,	W. H. Smith	Watchman	Eng. Co. No. 31.	Lung fever	7 “
Mar. 15,	J. Shaughnessy	Driver	W. T. No. 1		Still off.
“ 20,	B. Shively	Ladderman	H. L. Co. No. 2.	Fell from roof of 2-story building, Box 364	“
“ 16,	L. T. Smith	Pipeman	Eng. Co. No. 12.	Fell through elev. shaft, Box 45	9 days.
“ 28,	E. Schlagel	Ladderman	H. L. Co. No. 3.	Malaria	2 “
			T.		
April 3, '96	M. J. Tierney	Foreman	Chem. Co. No. 1.	Foot cut by broken glass	9 days.
May 13,	G. W. Thornhill	Ladderman	H. L. Co. No. 2.	Piles	3 “
July 5,	W. Teson	“	H. L. Co. No. 8.	Fell through a polė hole	31 “
Nov. 5,	Chas. Trube	“	H. L. Co. No. 3.	Elbow injured, Box 242	12 “
“ 30,	Chas. Trube	“	H. L. Co. No. 3.	Malaria	4 “
Dec. 9,	M. J. Tiernan	Pipeman	Eng. Co. No. 32.	Severe cold	3 “
Jan. 7, '97	L. Tijon	Ladderman	H. L. Co. No. 5.	Fever	9 “
“ 12,	C. Trube	“	H. L. Co. No. 3.	Pneumonia	6 “
“ 18,	W. Teson	“	H. L. Co. No. 8.	Malaria	13 “
“ 31,	Aug. Thierry	Asst. Chief	7th district	La Grippe	10 “
Feb. 25,	M. J. Tierney	Foreman	Eng. Co. No. 13.	Severe cold.	5 “
Mar. 13,	C. Trube	Ladderman	H. L. Co. No. 3.	Injured coming down pole	5 “
			V.		
Aug. 13, '96	J. Volk	Pipeman	Eng. Co. No. 28.	Lung trouble	30 days.
Dec. 10,	J. Volk	Fireman.	Eng. Co. No. 29.	Lung trouble.	5 “
Mar. 16,	R. Voelker	Ladderman	H. L. Co. No. 3.	Ankle fractured, Box 45	Still off.
“ 24,	W. Voss	Pipeman	Eng. Co. No. 6.	Thrown from apparatus, Box 14	“
			W.		
April 12, '96	Jas. Warden	Driver	Eng. Co. No. 17.	Malaria	3 days.
“ 24,	Jas. Warden	“	Eng Co. No. 17.	Yellow Jaundice	22 “
May 11,	A. Weber	Pipeman	Eng. Co. No. 16.	Injured by falling walls, Box 41	No lay off.
“ 27,	W. West	Driver.	Eng. Co. No. 27.	Piles	2 days.
June 13,	G. R. Wolf	Asst. Foreman	Eng. Co. No. 4.	Piles	3 “
“ 28,	G. Werges	“ “	Eng. Co. No. 7.	Injured knee	42 “
July 13,	Jno. Warden	Engineer	Eng. Co. No. 26.	La Grippe	4 “
“ 15,	R. White	Watchman	Eng. Co. No. 35.	Rupture	40 “
Aug. 25,	G. R. Wolf	Asst. Foreman	Eng. Co. No. 4.	Stepped on a nail	25 “
Oct. 11,	P. Winters	Ladderman	H. & L. Co. No. 8.	Malaria.	5 “
Nov. 2,	G. R. Wolf	Asst. Foreman	Eng. Co. No. 4.	An old injury	29 “
“ 6,	A. Weber	Pipeman	Eng. Co. No. 16.	Malaria	5 “
“ 10,	V. Weisenberger	Ladderman	H. & L. Co. No. 4.	Consumption	
Dec. 5,	G. R. Wolf	Asst. Foreman	Eng. Co. No. 4.	An old injury	15 “
Jan. 1, '97	A. Wirth	Foreman	Chem. Co. No. 1	Thrown from apparatus	26 “
“ 28,	W. Wand	“	Eng. Co. No. 13.	Cold	3 “
“ 30,	J. Wren	Pipeman	Eng. Co. No. 16.	Urinary Trouble	1 “
Feb. 2,	J. Wren	“	Eng. Co. No. 10.	Urinary Trouble	7 “
“ 11,	J. Wassmer	Foreman	Eng. Co. No. 15.	La Grippe	7 “
“ 28,	R. C. Wolf	Engineer	Eng. Co. No. 27.	Rheumatism	22 “
Mar. 10,	W. Wand	Foreman	Eng. Co. No. 13.	Erysipelas	5 “
“ 15,	H. Westerman	Engineer	Eng. Co. No. 2.	La Grippe	Still off.
			Y.		
April 23, '97	R. Young	Pipeman	Eng. Co. No. 10.	Cold	19 days.

RETIRED.

One member of the Department was retired under the provisions of the constitution of the Fire Department Pension Fund and Relief Association.

GEORGE BRUNING,

Foreman Engine Company No. 8, retired April 6th, 1896. He became a member of the Department April 1st, 1872, and was retired by his request.

DEATHS DURING THE YEAR.

GEORGE W. TENNILLE,

Ex-Secretary of the Department, died April 3d, 1897, at the age of 73 years, of general debility. He was appointed Secretary of the Department September 14, 1857, and held that position until March 31st, 1895, when he resigned.

Five deaths occurred in the Department during the year as follows:—

EDWARD M. GREENLAW,

Driver Engine Company No. 2, married, age 50 years, committed suicide May 8th, 1896. He became a member of the Department February 1st, 1884.

JOHN F. COOGAN,

Engineer Engine Company No. 9, married, age 55 years, died September 14th, 1896, of locomotor ataxia. He became a member of the Department December 1st, 1874.

EDWARD RUDD,

A member of Fuel Wagon No. 1, married, age 39 years, died February 21th, 1897, of typhoid pneumonia. He became a member of the Department April 2d, 1883.

GEORGE A. GOTTWALD,

Ladderman, Hook and Ladder Company No. 3, single, age 25 years, was killed by falling walls March 15th, 1897, while in discharge of his duty at a fire on that date. He became a member of the Department February 8th, 1897.

THOMAS BLANCHARD,

Engineer Engine Company No. 34, single, age 71 years, died of cancer March 18th, 1897. He became a member of the Department December 1st, 1872.

COMPARATIVE STATEMENT OF FIRE LOSSES FOR TEN YEARS.

Loss for the fiscal year ending March 31st, 1887	$1,419,275
Loss for the fiscal year ending March 31st, 1888	1,387,230
Loss for the fiscal year ending March 31st, 1889	1,225,739
Loss for the fiscal year ending March 31st, 1890	919,638
Loss for the fiscal year ending March 31st, 1891	1,101,950
Loss for the fiscal year ending March 31st, 1892	2,751,255
Loss for the fiscal year ending March 31st, 1893	1,859,473
Loss for the fiscal year ending March 31st, 1894	1,609,952
Loss for the fiscal year ending March 31st, 1895	824,664
Loss for the fiscal year ending March 31st, 1896	885,472
Loss for the fiscal year ending March 31st, 1897	1,346,817

FIRES OF A LOSS OF $10,000 AND OVER.

April 20th, 1896, an alarm was received from box 331 at 1:13 a. m., for a fire in the five-story brick building 423 and 425 North Seventh street, occupied by B. Prinz and Co., clothing manufacturers. A second alarm was sounded by the Department at 1:17. The fire started in the third story, in a box in which clothing was packed. The box also contained a bucket in which was varnish, also some cotton batting and excelsior saturated with gasoline. Different parts of the floor had also been saturated with some fluid. Notwithstanding the fact that the fire had been burning some time before the Department was notified, it was confined to the floor on which it originated. The force at work consisted of eleven engine companies, five hook and ladder companies, one water tower, one chemical and three fuel wagons. Loss, $12,782. Insurance, $56,000. Valuation, $70,000. Cause, supposed incendiary.

May 11th, 1896, box 41. First alarm was received at 12:54 a. m., and a combined second and third alarm was sounded by the Department at 1:03 a. m. for a fire in the three-story brick and frame buildings, 320 to 324 Olive street, occupied by the Metropolitan Restaurant Co. The fire started in the rear part of the first story and spread with alarming rapidity. It extended to the three-story brick buildings on the east, and the ten-story brick buildings on the west, but did no serious damage to these buildings. Shortly after the arrival of the Department the front walls of the restaurant building fell, injuring five firemen. The force in service consisted of fifteen engine companies, five hook and ladder companies, two water towers, one chemical and four fuel wagons. Loss, $14,934. Insurance, $211,000. Valuation, $224,000. Cause, unknown.

July 13th, 1896, box 332. First alarm was received at 2:20 a. m. and a combined second and third alarm was sounded by the Department at 2:28 a. m. The fire was discovered in the frame elevator building occupied by the Terminal Elevator Co., as a grain elevator. Immediately after the fire was discovered an explosion occurred, blowing off the cupola, which together with flying embers fell on the roofs of the one-story frame depot owned by the Terminal Railroad Association, and the thirteen-story brick building formerly used as a sugar refinery, but at the time vacant, setting these buildings and several freight cars on fire. This added to the already serious aspect of affairs, and a general alarm was sounded at 3:31, calling seven additional companies to the fire. The efforts of the Department were successful in saving the depot and sugar refinery and surrounding property, and after a hard struggle the fire was extinguished. The force at work consisted of twenty-one engine companies, four hook and ladder companies, one water tower and four fuel wagons. Loss, $86,873. Insurance, $224,000. Valuation, $246,000.

July 28th, 1896, box 343. First alarm was received at 11:10 p. m. and a second alarm was sounded by the Department at 11:15 p. m., for a fire in the three-story brick building occupied by the Crescent Furniture Co. The fire started on the first floor, which was used as a storage room for stock, and owing to its inflammable nature, it spread so rapidly, that upon the arrival of the Department the fire had assumed alarming proportions. The force at work consisted of eleven engine companies, three hook and ladder companies, and 3 fuel wagons. Loss, $14,640. Insurance, $41,586. Valuation, $48,000. Cause unknown.

August 10th, 1896, fire was discovered in the three-story brick building, 510 and 512 Franklin avenue, occupied by Thomas Hodson as a dry goods and millinery store. The first alarm was received at 1:02 a. m. and a second alarm was sounded by the Department at 1.07 a. m. The fire originated in the second story, and upon the arrival of the Department had gained considerable headway, but was confined to the floor it originated on. The force at work consisted of ten engine companies, 4 hook and ladder companies, one water tower, one chemical and three fuel wagons. Loss, $16,685. Insurance, $54,500. Valuation, $66,000.

December 1st, 1896, fire was discovered in the three-story brick building 2009 to 2017 Morgan street, occupied by Zenas-Varney Carriage Co. The first alarm was received at 12:21 a. m. from box 253. Upon the arrival of the Department, the second and third floors were a mass of flames, and at 12:24 a. m. a second alarm was sounded followed at 12:31 a. m. by a third alarm and at 12:39 by a general alarm. The efforts of the Department were successful in confining the fire to the second and third floors of the building it originated in. The force at work consisted of twenty-one engine companies, four hook and ladder trucks, one water tower and four fuel wagons. Loss, $15,459. Insurance, $23,468. Valuation, $40,500. Cause, overheated stove in varnish room.

December 24th, 1896, fire was discovered at 2:17 a. m. in the two-story brick building occupied, first floor and basement by the Pearl Candy Co., second floor by the Brownell Tailoring Co. The fire originated in the basement and extended to the first floor. The second floor was not damaged by fire, but considerable damage was done by smoke and heat. The force at work consisted of six engine companies, two hook and ladder companies, and two fuel wagons. Loss, $11,385. Insurance, $53,250. Valuation, $63,500.

February 8th, 1897, a still alarm was received at 11:36 p. m., for a fire in the six-story brick building 709 and 711 Lucas avenue, occupied by J. Abeles and Co., clothing manufacturers. At 11:38 p. m. an alarm was sounded from box 221 by the Department. The fire started near the elevator shaft on the second floor, badly damaging the stock, but was confined to that floor. The stock on the third floor was slightly damaged by smoke and heat. The force in service consisted of five engine companies, two hook and ladder companies, one water tower and two fuel wagons. Loss, $20,923. Insurance, $45,500. Valuation, $62,500. Cause unknown.

February 24th, 1897, fire was discovered in the five story and basement brick and stone front building, Third, Pine and Chestnut streets, occupied by the Merchants' Exchange Association, and known as the Chamber of Commerce. An alarm was received from box 41 at 2.24 a. m. and was followed by a combined second and third alarm at 2.27 a. m. The fire started at the foot of an elevator shaft in the northeast part of the building, and followed the shaft up into the roof. Owing to the construction of the building, the progress of the fire before the alarm was sounded, the network of wires surrounding the building, and the absence of stand pipes which necessitated the dragging of hose up the stairs, the department had a very trying time combating the spread of the fire, which for a time threatened the destruction of this valuable building, but fortunately the fire was confined to the eastern part of the roof. The force in service consisted of fifteen engine companies, five hook and ladder companies, 2 water-towers, one chemical and four fuel wagons. Loss, $36,125. Insurance, $450,000. Valuation, $455,100. Cause, defective electric wires.

March 15th, 1897, fire was discovered in the seven-story and basement brick and stone front building, Eighth street, Washington avenue, and St. Charles street, occupied by the Ely-Walker Dry Goods Company. The first alarm was received from box 45 at 7: 49 p. m. and a combined second and third alarm was sounded by the Department at 7.59 p. m. The fire originated in the southwest part of the building in the fourth story and extended to the fifth, sixth and seventh stories, and had evidently been burning some time before it was discovered. The construction of buildings of this kind (slow combustion) is such, that when a fire gains any headway it is difficult to fight. At 9.24 p. m. a general alarm was sounded, calling seven additional engine companies and one hook and ladder company, followed by a special call at 9:30 for two additional engine companies, making a force at work consisting of twenty-five engine companies, six hook and ladder companies, one chemical, two water towers and five fuel wagons. The water towers and hook and ladder No. 6 were stationed on the Washington avenue front, pouring volumes of water into the flames, hook and ladder trucks numbers three and eight were stationed on the Eighth street front, and streams were worked from the roofs and windows of buildings on all sides, and notwithstanding the energetic efforts of the department, it looked for a time that no power could confine the fire to that building. About 11:30 p. m., the east wall fell, killing ladderman George A. Gottwald, and completely demolishing hook and ladder trucks numbers three and eight. Shortly after a portion of the north wall fell but did no additional damage. Loss, $675,000. Insurance, $1,193,000. Valuation, $2,429,500.

March 20th, 1897, fire was discovered by a member of engine company No. twenty-six in the two story brick building, northeast corner Main and Madison streets, occupied by Henry Gaus and Sons Plaining Mill Company. Engine Company twenty-six received a still alarm at 5:14 p. m. and at 5:15 p. m. sounded a box alarm, which was followed by a second alarm at 5:16 p. m. and a third alarm at 5:20 p. m. Immediately east of the burning building was an immense grain elevator, and the fire was so fierce that for a time it seemed that the elevator would be seriously damaged. But the efforts of the Department were successful in confining the flames to the plaining mill. The force at work consisted of thirteen engine companies three hook and ladder companies, and two fuel wagons. Loss, $80,000. Insurance, $85,000. Valuation, $106,250.

Extinguished with Chemical Line on Hose Wagons. No. of Fires.	Company.	Number of Alarms Responded to.	Number of fires perform'd duty at.	Time Worked. Hours.	Time Worked. Minutes.	Number of feet of hose led off.	Chemical Hose.
	Engine Co. No. 1	122	39	49	50	15,100	
	“ “ 2	54	23	16	06	8,350	
11......	“ “ 3	68	34	41	25	8,950	2,550
	“ “ 4	205	44	70	....	17,750	
	“ “ 5	109	34	72	55	15,000	
	“ “ 6	236	77	100	30	25,950	
14	“ “ 7	134	47	64	30	17,300	2,900
2	“ “ 8	86	31	42	45	16,450	200
	“ “ 9	114	15	46	15	6,700	
	“ “ 10	186	44	62	10	20,450	
	“ “ 11	63	28	56	....	12,600	
	“ “ 12	204	69	139	50	28,850	
	“ “ 13	265	47	74	....	19,150	
	“ “ 14	211	65	74	25	21,150	
	“ “ 15	172	46	78	32	21,350	
	“ “ 16	108	36	57	....	13,550	
	“ “ 17	220	47	95	....	16,450	
19.....	“ “ 18	261	63	134	30	21,650	4,450
	“ “ 19	77	26	55	35	11,250	
	“ “ 20	63	23	56	30	11,200	
	“ “ 21	178	32	42	48	11,950	
	“ “ 22	93	31	95	20	14,850	
7......	“ “ 23	140	42	69	15	16,000	900
	“ “ 24	167	39	69	5	15,450	
15......	“ “ 25	117	54	74	30	12,600	5,750
	“ “ 26	49	18	64	....	8,000	
1......	“ “ 27	107	38	67	55	20,400	1,750
14......	“ “ 28	147	60	44	30	17,450	2,400
	“ “ 29	65	20	37	50	11,200	1,800
5......	“ “ 30	57	47	77	....	14,000	1,250
	“ “ 31	60	24	49	....	11,100	
	“ “ 32	165	46	78	40	19,800	
1	“ “ 33	82	33	51	20	14,900	
4......	“ “ 34	39	14	10	25	3,750	1,650
	“ “ 35	35	22	41	20	10,100	1,450
	Water Tower No. 1	15	2	21	....	....	
Total, 93.	“ “ “ 2	107	3	27	....	....	
						Number of Feet of Ladders Raised.	
	Hook and Ladder Co. No. 1.	150	81	90	05	1,654	
	“ “ “ “ 2.	228	144	150	38	5,992	
	“ “ “ “ 3.	259	95	91	15	3,050	
	“ “ “ “ 4.	239	95	121	05	1,690	
	“ “ “ “ 5.	219	90	85	57	1,442	
	“ “ “ “ 6.	226	100	115	55	2,122	
	“ “ “ “ 7.	169	60	84	35	1,319	
	“ “ “ “ 8.	197	80	135	35	1,771	
	“ “ “ “ 9.	204	102	96	30	1,322	
	“ “ “ “ 10.	37	33	57	03	507	
	“ “ “ “ 11.	55	33	27	12	370	
						Number of Feet Chemical Hose Led Off.	
	Chemical No. 1	201	62	47	35	12,450	

CAUSE OF ALARMS.

Accidental	8
Alcohol lamp	1
Baker's oven	3
Balloon falling on roof	2
Boiling over kettle of tar	4
Boiling over pot of glue	1
Boiling over pot of varnish	1
Bonfire	2
Breaking of glass gauge	1
Burning of rubbish, etc	40
Burning soot dropping down chim	5
Burning out of chimney	45
Bursted steam pipe	2
Bursted water pipe	1
Carelessness with gasoline	6
Carelessness	20
Charcoal stove	3
Children playing with matches	14
Chil'n playing with lighted candle	2
Christmas tree	1
Cleaning with gasoline	2
Clothing too near stove	9
Coal oil lamps	53
Coal oil stoves	6
Defective automatic sprinkler	8
Defective grates	9
Defective gas pipes	6
Defective flues	68
Defective furnace wall	1
Defective smoke stack	2
Dropping hot iron	6
Dropping hot glass	4
Drop'g lighted cig. and cigarettes	12
Dropping lighted match	33
Explosions of chemicals	5
Explosions of gasoline tank	2
Electricity	7
Electric wires	51
False alarms	89
False alarms automatic sph'l	10
Fireworks	12
Friction of machinery	3
Fumigating	4
Gas jets	9
Gasoline stoves	130
Gasoline cans	2
Gasoline lamp	1
Gas stoves	2
Gasoline brazier	2
Gasoline tanks	4
Hot ashes	69
Incendiary	13
Incendiary, supposed	13
Ignition of grease	2
Ignition of chemicals	3
Lace curtains and open lights	5
Leaking coal oil lamp	1
Leaking gasoline can	2
Lightning	8
Meat drippings	1
Melting wax on stove	1
Mice and matches	2
Mule kicking over coal oil lamp	2
Naphtha	1
Overheated boiler	1
Overheated furnace	4
Overheated stoves	21
Overheated stove pipes	6
Overheated oven	3
Re kindling of former fires	8
Smoking by boys	2
Smoking by men	4
Smoking in bed	2
Sparks from chimney	52
Sparks from smoke stack	8
Sparks from locomotive	14
Sparks from grate	4
Sparks from furnace	11
Sparks from stoves	5
Sparks from forge	5
Sparks from arc lights	1
Sparks from cupola	2
Sparks from open stovepipe holes	10
Sparks from street fire	4
Set by boys	47
Set by tramps	8
Set by burglars	3
Spontaneous combustion	9
Spontaneous combustion, supp'd	2
Suicide with coal oil	1
Tailor's iron	2
Testing gasoline engine	1
Thawing out water pipe	3
Tinner's firepot	2
Tornado	10
Unknown	392
Unnecessary	42
Unslacked lime	1
Upsetting stove	4
Wood too near stove	5

OCCUPANCY OF BUILDINGS IN WHICH FIRES ORIGINATED.

Asylums	2
Boarding-houses	7
Boarding-houses, female	2
Bakeries	12
Barber shops	3
Basket factories	1
Bed-spring factories	1
Blacksmiths' shops	3
Brass factories	2
Butcher shops	4
Bone works	1
Bowling alleys	2
Boots and shoes, wholesale	1
Boots and shoes, retail	6
Box factories	2
Candy factories	3
Carriage and wagon shops	5
Carpet stores	1
Carpenter shops	6
Chain factories	2

Children's play-house	1
Chicken houses	2
Churches	7
City Hall	1
Cigar factories and stores	3
Clothing, wholesale	7
Clothing, retail	7
Confectionery stores	2
Court House	1
Cooper shops	1
Coffin factories	2
Commission and produce houses	3
Dry goods, wholesale	1
Dry goods, retail	11
Drug stores	6
Dwellings	513
Dynamo rooms	2
Feed stores	2
Flour store	1
Flour mills	2
Florist store	2
Furnished rooms	11
Furniture stores	2
Furniture factories	5
Factories, various	10
Freight depot	1
Gas fixture store	1
Gas works	1
Gents' furnishing stores	3
Glass works	5
Grocery stores	24
Grocery and saloon combined	3
Gun store	1
Hardware store	1
Harness and saddlery stores	2
Hat stores	3
Hospital	1
House furnishing store	1
Hotels	5
Ice-houses	2
Iron foundries	10
Jewelry stores	4
Kitchens	8
Ladies' tailoring	1
Laundry	1
Livery stables	2
Lunch stands	10
Lodging houses	3
Machine shops	5
Mattress factories	2
Malt houses	2
Meat and vegetable store	1
Macaroni factory	1
Millinery stores	3
Notion stores	5
Novelty houses	2
Office buildings	8
Paint shops	5
Paint and oil store	1
Paper box factories	2
Photographer's gallery	3
Planing mills	2
Pickle factory	1
Poor House	1
Pork houses	2
Power houses, electric	2
Queensware stores	2
Restaurants	18
Saloons	14
Sheds, wood and coal	124
Sheds, various	69
Schools	3
Second-hand stores	3
Shirt factory	1
Shoe factory	1
Shoemaker shops	2
Shaving vaults	4
Stables	95
Seminary	1
Smoke house	1
Shot tower	1
Storage, general	15
Stationery stores	3
Stove factory	1
Stove stores	4
Soap factories	2
Tin stores	2
Tamale shop	1
Tailor shops	13
Tenement houses	27
Theaters	2
Unfinished building	1
U. S. Government, Barracks	1
Varnish factory	1
Vacant buildings	21
Wall paper stores	1
Wire mills	2

CLASSIFICATION OF BUILDINGS IN WHICH FIRE ORIGINATED.

1 story stone front	3
2 story stone front	28
3 story stone front	17
4 story stone front	3
5 story stone front	4
6 story stone front	1
7 story stone front	1
1 story brick	41
1½ story brick	16
1 and 2 story brick	12
2 story brick	416
2½ story brick	4
3 story brick	134
4 story brick	24
5 story brick	8
6 story brick	3
7 story brick	1
8 story brick	1
1½ story brick and frame	1
2 story brick and frame	8
1 and 2 story brick and frame	4
2½ story brick and frame	1
3 story brick and frame	1
2 and 3 story brick and frame	10

1 story brick and frame	8	1½ story rock	1
1 story frame	93	2 story rock	1
1½ story frame	10	Churches	6
1 and 2 story frame	3	Stables	95
2 story frame	96	Sheds	193
2½ story frame	2	Theaters	2
2 story iron and frame	1	Green houses	2

MISCELLANEOUS FIRES AND FIRES OUTSIDE OF BUILDINGS.

Awnings	10	Railroad freight cars	2
Ash pits	69	Railroad ties	2
Brick yards	2	Street railroad cars	7
Dumps, manure	1	Steamboats	1
Coal chutes	2	Street fires	2
Electric wires	7	Telegraph poles	2
Fences	3	Tar coal tank	1
Empty boxes, rubbish, etc	15	Wagon (hay)	1
Lumber yards	5	Wagons (various)	3
Pavilions (dancing)	2	Water closets	5
Prairie fires	7	Vacant lots	9

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$2,000			$1,500			$4		$4	$4		$4
	2,500			2,500			11		11	11		11
	1,800						25		25			
	1,200	$250	$1,450				100	$15	115			
	1,800	500	2,300	1,600			25	5	30	25		25
	2,000			2,000			273		273	273		273
	1,500						10		10			
	10,000	12,500	22,500	10,000	$12,500	$22,500	573	409	982	573	$409	982
	1,600	1,100	2,700		1,100		25	553	578		553	553
		150,750			150,750			1,310	1,310		1,310	1,310
	2,000	400	2,400	1,200			75	10	85	75		75
	1,500			1,500			20		20	20		20
		200						10	10			
	4,000			4,000			38		38	38		38
le		1,000			900			22	22		22	22
	11,000	4,000	15,000	11,000	4,000	15,000	146	1,000	1,146	146	1,000	1,146
	1,200						10		10			
	400						5		5			
	75						5		5			
	50						50		50			
	50						50		50			
	50						50		50			
	50						10		10			
	50						5		5			
	100			100			30		30	30		30
	50						10		10			
	1,600	250	1,850	1,600	250	1,850	1,525	45	1,570	1,525	45	1,570
		200					10		10			
	1,600	300	1,900	1,600	300	1,900	1,525	275	1,800	1,525	275	1,800
	2,000			2,000			882		882	882		882
	2,000			2,000			20		20	20		20
	700	250	950	700	250	950	155	150	305	155	150	305
	250			250			150		150	150		150
	61,000			61,000			40		40	40		40
		1,000			800			340	340		340	340
	175			100			110		110	100		100
	275	100	375				100	20	120			
	50						5		5			
	50						3		3			
	50						10		10			
	50						5		5			
	2,500			2,500			5		5	5		5
	2,100			2,100			8		8	8		8
	50						50		50			
	50						5		5			
of												
	1,500						5		5			
	50			50			5		5	5		5
od.												
	2,500	1,200	3,700	2,500	1,000	3,500	6	10	16	6	10	16
	50						5		5			
	50						5		5			
		800			800			65	65		65	65
		8,500			8,500			21	21		21	21
	50						25		25			
	1,500			800			5		5	5		5
	3,050	3,750	6,800	3,050	3,750	6,800	12	32	44	12	32	44
	3,500	300	3,800	3,500	300	3,800	156	110	266	156	110	266
		1,500			1,500			9	9		9	9
	10,540	9,004	19,544	10,540	9,004	19,544	60	195	255	60	195	255
	200			200			160		160	160		160
	50			50			15		15	15		15

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

APRIL, 1896.

DATE.	BOX.	TIME.	LOCATION.	CLASS OF BUILDING.		OWNER.	OCCUPANT.	FOR WHAT PURPOSE USED.	ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
1	128	5:41 p m	1119 S. 6th st.	2½	Brick	Jeckenbrock	Tenants	Dwelling	Sparks from chimney	$2,000			$1,500			$4		$4	$4		$4
1	599	8:23 p m	5190 Easton av	2½	Brick	C. E. Sauner	Owner.	Grocery store	Defective flue.	2,500			2,500			11		11	11		11
1	531	9:17 p m	False alarm						False												
2	412	8:37 a m	6211 S. Broadway	2	Brick	Dr. Reber	Tenants (col.)	Dwelling	Sparks from chimney	1,800						25		25			
2	744	9:44 a m	Gustine and Dunnica	2	Brick and frame.	Hydraulic Press B. Co.	Tenants (col.)	Dwelling	Defective flue.	1,200	$250	$1,450				100	$15	115			
2	312	1:18 p m	2602 Stoddard st.	2	Brick	Jos. A. Duffy	Jno. Smercina	Dwelling	Sparks from chimney	1,800	500	2,300	1,600			25	5	30	25		25
2	923	2:08 p m	2013 S. 2d st.	2	Brick	Mrs. Kate Balzer	Tenants.	Tenement.	Sparks from chimney	2,000			2,000			273		273	273		273
2	824	2:14 p m	30 "E" Angelica st	2	Brick and frame.	Mississippi Glass Co	Tenants	Dwelling	Set by children	1,500						10		10			
2	315	3:09 p m	N. S. Clark av. bet. 22d and 23d sts		Malt Kiln	St. Louis Brewing Association	Owners	Brewery Malt Kiln.	Sparks from smoke-stack	10,000	12,500	22,500	10,000	$12,500	$22,500	573	409	982	573	$409	982
2	2nd	3:35 p m							2d alarm												
2	22	5:55 p m	Levee bet. Wash and Franklin av		R. R. Ties.				Sparks from locomotive												
2	125	6:04 p m	730 S. 6th st.	3	Brick	Haydel & Co., Agents	Tenants	Dwelling	Sparks from locomotive.												
3	189	1:18 a m	3021 Clark av.	2	Brick	R. C. Freer & Sons, Agents	M. Wilson	Dwelling	Sparks from furnace.	1,600	1,100	2,700		1,100		25	553	578		553	553
3	Still	1:28 a m	120 Pine st	4	Brick	Papin & Tontrup, Agents	St. Louis Cob Pipe Co.	Pipe Factory	Hot ashes												
3	Still	1:28 a m	N. W. cor. 7th and Franklin av.	6	Brick	Globe S. & Clothing Co	Owners	Shoe and Clothing Store	Electric light wire.		150,750			150,750			1,310	1,310		1,310	1,310
3	546	7:15 a m	3688 Finney av		No Loss.				Blaze from gasoline stove.												
3	972	9:50 a m	1849 S. 10th st	2	Brick	Mrs. Anna Doerr	Mrs. E. Wendt.	Dwelling	Sparks from chimney	2,000	400	2,400	1,200			75	10	85	75		75
4	592	9:14 a m	4731 Leduc st	2	Brick	Chas. Wientge	Owner	Dwelling	Sparks from chimney	1,500			1,500			20		20	20		20
4	169	5:28 p m	Second and Cedar st		No Loss.				Burning rubbish												
4	643	7:08 p m	2218 Papin st	2	Brick	Terry & Sons, Agents	Lucy James (col.)	Dwelling	Coal oil lamp		200						10	10			
4	65	5:34 p m	816 Chestnut st	2	Brick	Brennan, Agents.	Tenants	Offices	Unknown	4,000			4,000			38		38	38		38
4	865	9:08 p m	4335 N. 19th st	1	Frame	Eugene Dill	Owner.	Dwelling	Sparks from stove pipe hole		1,000			900			22	22		22	22
4	959	9:31 p m	N. W. cor. Allen av. and Dolman st	3	Brick	Bohemian Nat. Hall Assn	Owner	Hall	Electric light wire.												
4	Still	10:42 p m	510 to 518 Spruce st	1	Frame	St. Louis Chem. Supply Co.	Owner	Store and Offices	Unknown	11,000	4,000	15,000	11,000	4,000	15,000	146	1,000	1,146	146	1,000	1,146
5	Still	7:53 p m	4120 New Manchester road.	1	Frame	Jno. Wengler	Owner	Dwelling	Hot ashes	1,200						10		10			
5	849	7:54 p m	16th "D" E. Ferry st		Old and Dilapi't'd		Unoccupied.	Dwelling	Incendiary (supposed)	400						5		5			
5	49	11:30 p m	120 N. 13th st	2	Brick	Terry & Sons, Agent.	Tenants (col.)	Tenement.	Sparks from chimney												
6	129	11:50 a m	Rear 2805 Thomas st		Shed	Dr. Manoville.	Owner.	Wood and Coal.	Hot ashes	75						5		5			
6	713	5:24 p m	Rear 4132 to 38 Chouteau av	1	Frame	B. P. Taaffe	Owner.	Stable	Men smoking (prob.)	50						50		50			
6	713	5:24 p m	Rear 4140 Chouteau av		Shed	Robt. Moreck		Wood and Coal	From the above	50						50		50			
6	713	5:24 p m	Rear 4030 Chouteau av		Shed.	Mr. Kaiser		Wood and Coal	From the above	50						50		50			
6	713	5:24 p m	Rear 4131 New Manchester rd		Shed.	H. F. Clark		Wood and Coal	From the above	50						10		10			
6	713	5:24 p m	4133 New Manchester rd		Shed.	Jas. Corcoran		Wood and Coal	From the above	50						5		5			
6	713	5:24 p m	4137 New Manchester rd		Shed.	B. P. Taaffe		Wood and Coal	From the above	100			100			30		30	30		30
6	713	5:24 p m	4139 New Manchester rd.		Shed.	Dr. A. W. Fleming		Wood and Coal	From the above	50						10		10			
6	5121	8:52 p m	6124 Etzel av	2	Frame.	Wm. Rose	Owner	Dwelling	Sparks from chimney	1,600	250	1,850	1,600	250	1,850	1,525	45	1,570	1,525	45	1,570
6	5121	8:52 p m	6124 Etzel av	2	Story		Mr. McCarthy	Dwelling	Same		200					10		10			
6	5121	8:52 p m	6122 Etzel av	2	Frame.	Mrs. Rose	Owner and tenant	Dwelling	From the above	1,600	300	1,900	1,600	300	1,900	1,525	275	1,800	1,525	275	1,800
6	5121	8:52 p m	6128 Etzel av	2	Brick	H. U. Wheeler	Owner	Dwelling	From the above	2,000			2,000			882		882	882		882
6	5121	8:52 p m	6130 Etzel av	2	Brick	Northern Central Const. Co.	Tenant	Dwelling	From the above	2,000			2,000			20		20	20		20
6	642	9:40 p m	Rear 2029 Park Av		Ash Box				Hot ashes												
7	397	12:08 a m	Rear 3125 Easton av	1	Frame	Mrs. D. Draude	Owner	Stable and Carriage House	Unknown	700	250	950	700	250	950	155	150	305	155	150	305
7	397	12:08 a m	Rear 3123 Easton av		Shed	Chas. E. Wakeham		Wood and Coal	From the above	250			250			150		150	150		150
7	Still	8:43 a m	N. E. cor. Clark av. and 15th st	3	Brick	St. Mary's Orphanage		Asylum	Sparks from chimney	61,000			61,000			40		40	40		40
7	5219	9:00 p m	Unnecessary alarm						Reflection of light												
7	66	5:35 p m	627 O'Fallon st	2	Brick		Unoccupied	Dwelling	Set by boys.												
7	312	7:23 p m	1125 N. 24th st	2	Brick	Wm. Semple	G. Fritchle	Dwelling	Unknown		1,000			800			340	340		340	340
8	988	2:16 a m	Rear 2811 Wisconsin av.		Shed	Henry Frederick	Owner	Wood and Coal	Hot ashes	175			100			110		110	100		100
8	988	2:16 a m	Rear 2809 Wisconsin av	2	Frame	Henry Hahn	Owner	Storage of Lime, etc	From the above	275	100	375				100	20	120			
8	988	2:16 a m	2813 Wisconsin av		Shed	P. Stern	Owner	Wood and Coal	From the above	50						5		5			
8	988	2:16 a m	2814 McNair av		Shed	Wm. Hinck	Owner	Wood and Coal	From the above	50						3		3			
8	988	2:16 a m	2812 McNair av		Shed	R. Weber	Owner	Wood and Coal	From the above	50						10		10			
8	988	2:16 a m	2808 McNair av		Shed.	Mrs. Berged	Owner	Wood and Coal	From the above	50						5		5			
8	937	7:40 p m	N. W. Cor. Main and Dorcas	1	Brick	Fred Heitz	Tenant	Glass Works	Hot glass.												
9	24	8:49 p m	1436 Franklin av	3	Stone Front		Palatine Drug Co	Drug Store	Unknown.												
9	66	10:10 a m	Rear 1621 O'Fallon st.		Shed.			Wood and Coal	Unknown												
9	616	11:46 a m	2905 Chouteau av		Water Closet.	Mrs. Stindler		Water Closet	Burning rags.												
10	965	10:23 p m	1042 Julia st.	2	Brick	F. W. Potthoff	Tenants	Dwelling	Sparks from chimney	2,500			2,500			5		5	5		5
10	968	3:30 p m	Rear 1890 S. 13th st.	1	Frame.	Barbara Broz	John Mahacek	Stable	Unknown	2,100			2,100			8		8	8		8
10	546	7:09 p m	911 Ware av	2	Brick	Wm. A. Rutledge, Agent.	Mrs. M. C. Smith	Dwelling	Coal oil stove												
10	937	9:00 p m	N. W. cor. Main and Dorcas	1	Brick	Fred Heitz	Owners	Glass Works	Hot glass.												
10	24	10:41 p m	1404 Franklin av	3	Brick	F. W. Teutenberg	O. Chanales	Dwelling	Lighted match												
10	231	10:43 p m	Rear 1023 N. Compton av		Shed	Wm. McCordy	Unoccupied	Wood and Coal	Set by boys	50						50		50			
10	231	10:43 p m	Rear 1021 N. Compton av		Shed.	Mrs. Frankel		Wood and Coal	From the above.	50						5		5			
10	Still	5:17 a m	Vandeventer and Bell						Pulling wrong signal												
10	Still	6:53 p m	3501 Manchester av	3	Brick	Jno. F. Kluiber	Conrad Steigers	Butcher Shop	Gas jet												
10	Still	8:15 p m	3907 Delmar av	2	Brick	Mrs. Ryan.	J. Ross	Dwelling	Lighted match, dropping of.												
11	Still	9:45 a m	2715 N. 14th st.	2	Brick	J. J. Rheinhard	Weigraffer & Heintz	Tin Store	Gasoline stove												
11	Still	4:05 p m	321 Park av	2	Brick	Wm. Harty	M. Ryan	Dwelling	Gasoline stove												
11	Still	2:20 p m	N. W. cor. Main and Chambers		Lumber Yard.	Mound Coffin Co	Owner	Lumber Yard	Sparks from street fire												
11	Still	1:05 p m	815-21 N. Broadway	3	Brick	Grand Leader	"	Dry Goods Store	Automatic sprinkler												
11	Still	1:07 p m	Rear 2005 Rauschenbach av		Shed.	Wm. Pritchard	Mr. Freeman	Wood and Coal	Burning rubbish												
11	5114	4:28 p m	604 Manchester av	2	Frame.	Mrs. Stann	Unoccupied	Dwelling	Sparks from chimney	1,500						5		5			
11	918	5:07 p m	Rear 2023 S. 3d st.		Shed	P. Fogerty	Owner	Storage of Shavings	Set by boys	50			50			5		5	5		5
11	Still	5:43 p m	Foot of Market st.		R. R. Ties.				Sparks from locomotive												
11	996	6:17 p m	3512 Indiana av	2	Brick				Chimney fire												
11	39	9:59 p m	S. W. cor. Broadway and Market st	4	Brick	Westliche-Post	Owner.	Newspaper Office	Smoke-stack too near wood.												
11	41	11:03 p m	N. W. cor. Broadway and Pine st	4	Stone Front.	E. W. Leonhardt	Louis Busch	Tailor Shop	Tailor's iron	2,500	1,200	3,700	2,500	1,000	3,500	6	10	16	6	10	16
12	219	1:58 p m	Rear 3652 Locust st		Shed	M. J. Cody		Wood and Coal	Set by boys	50						5		5			
12	873	4:56 p m	Rear 718 Baden av		Shed	F. Heitkoetter	Owner	Wood and Coal	Unknown	50						5		5			
13	523	12:33 p m	4030 St. Ferdinand	1	Brick	Mrs. Wagenberg	F. Halzner	Dwelling	Unknown		800			800			65	65		65	65
13	235	2:56 a m	1801 Market st	3	Brick	Mr. Sullivan	H. Scheer	Hotel and Saloon	Spontaneous combustion.												
13	Still	9:40 a m	6232 Olive st		Rubbish				Hot ashes												
13	Still	1:07 p m	1231-5 Franklin av	3	Brick		Geo. Diehl & Bro	Gents Furnishings	Electric light wire		8,000			8,500			21	21		21	21
13	57	3:20 p m	False alarm.						False.												
14	57	12:31 p m	Rear 33 S. 15th st		Shed.	Ed. A. Moore		Wood and Coal	Set by boys	50						25		25			
14	53	12:31 p m	Rear 1503 Walnut st	2	Brick	Anthony Bokern		Dwelling	From the above	1,500			800			5		5	5		5
14	Still	12:39 p m	N. E. cor. Old Manchester and Kentucky		Frame	Pickel Stone Co	Owners.	Tramway	Overheated boiler												
14	313	9:11 p m	2643 Lucas av	2	Stone Front.	Mrs. Hieney	Mrs. Hynes (col.)	Dwelling	Coal oil lamp	3,050	3,750	6,800	3,050	3,750	6,800	12	32	44	12	32	44
15	Still	1:47 p m	Rear 1008-10-12 N. Leonard av		Sheds.	H. J. Lemen	Tenants	Wood and Coal	Unknown												
15	Still	3:30 p m	2316 Market st	2	Brick	P. J. Toomey.	W. F. Flannan	Dwelling	Gasoline stove	3,500	300	3,800	3,500	300	3,800	156	110	266	156	110	266
15	5114	5:21 p m	3725 Cook av	2	Stone Front	Mrs. Rea.	J. V. W. Dutcher, Jr	Dwelling	Gas jet		1,500			1,500			9	9		9	9
15	361	10:03 p m	2600 N. Main st	1	Brick	F. H. Logeman	Owner	Chair Mfg.	Sparks from furnace.	10,540	9,004	19,544	10,540	9,004	19,544	60	195	255	60	195	255
16	393	12:10 p m	Rear 3206 S. Laclede av		Shed	Mr. Bryan	Unused	Wood and Coal	Unknown	200			200			160		160	160		160
16	393	12:10 p m	Rear 3210 Laclede av		Shed	Gay & McCan, Agents.	"	Wood and Coal	From the above	50			50			15		15	15		15

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RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

APRIL, 1896.—Continued.

				CLASS OF BUILDING.																	
DATE.	BOX.	TIME.	LOCATION.	No. of Stories.	Material.	OWNER.	OCCUPANT.	FOR WHAT PURPOSE USED.	ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
16	547	10:31 p m	4431 Easton av	2½	Stone Front	Ben. J. Lynds	F. S. Pleumpe	Shoe Store	Unknown		$1,000			$1,000			$117	$117		$117	$117
17	Still	6:40 a m	237 N. Beaumont st	2	Brick	Fillerbee	Wm. Beers	Restaurant	Coal oil lamp	$2,000			$2,000			$20		20	$20		20
18	857	2:00 a m	3819-21 N. 23d st	2	Brick	Julius Lehman	N. St. Louis Furniture Co	Furniture Factory	Incendiary	1,667	1,700	$3,367	1,667	1,700	$3,367	264	485	749	264	485	749
18	921	2:05 p m	116-18 Soulard st	2	Brick	Schmitz & Meisenbach, Agents	Tenants	Tenement	Sparks from chimney												
18	576	2:30 p m	6204 Easton av	1½	Frame	Conrad Schaffer	Owner	Dwelling	Unknown												
18	576	2:30 p m	Adjoining on the W	2	Frame	Jas. Kellar	Owner	Dwelling	From the above												
18	576	2:30 p m	Adjoining on the E	2	Frame	Henry Deters	Tenants	Dwelling	From the above												
18	576	2:30 p m	N. S. of Easton av		Awning	F. Dombrowski	Owner	Awning	From the above												
18	878	2:50 p m	4201 N. Broadway		No loss			Manure	Set by boys												
18	5217	6:38 p m	N. S. Cote Brilliante bet. Union and Arlington	2	Brick	Louis Sedring	In Course of Construction		Unknown	1,800						10		10			
18	118	11:16 p m	1507-9 N. Broadway	2	Brick and Frame	Franciscus, Agent	Unoccupied	Stable	Unknown												
19	118	12:44 a m	False alarm						False												
19	Still	12:53 a m	Easton av		No further loss				Rekindling												
19	Still	1:15 a m	811 N. 7th st		Awning				Unknown	10						5		5			
19	192	2:44 a m	False alarm						False												
19	57	8:02 a m	S. E. cor. 13th and Lucas av	2	Brick	Jno. C. King, Agent	Mary E. Jones (col.)	Dwelling	Unknown		500						15	15			
20	331	1:13 a m	423-5 N. 7th st	5	Brick	Mr. Bailey	B. Prinz & Co	Clothing Mfg.	Supp. Incendiary	15,000	41,000	56,000	15,000	41,000	56,000	650	12,132	12,782	650	12,132	12,782
20	2nd	1:17 a m							2d alarm												
20	418	9:46 a m	6631 Michigan av	2	Brick	Michael Hammel	Owner	Photo Gallery and Dwelling	Sparks from chimney		1,000						10	10			
20	114	2:22 p m	N. E. cor. Main and O'Fallon sts	3	Brick	Continental Investment Co	Unoccupied	Old and Dilapidated	Sparks from smoke stack	6,000			6,000			250		250	250		250
21	144	4:29 a m	25½ S. 6th st		Lunch stand	R. Walsh	Tony Gazzola	Lunch Stand	Burning grease												
21	947	5:54 a m	3129 S. Broadway	2	Brick	F. Marks	Oscar Marks	Cigar and Stationery Store	Unknown	4,500	300	4,800	4,500	300	4,800	92	52	144	92	52	144
21	419	8:50 a m	7325 Michigan av	2	Brick	T. W. Mott	M. Beredles	Dwelling	Gasoline stove												
22	Still	2:15 a m	Jefferson Barracks	3&4	Brick	U. S. Government	Troops	Barracks	Unknown												
22	514	12:19 p m	1418 Whittier st	2	Brick	Terry & Sons, Agents	Tenants	Dwelling	Boys smoking												
22	921	3:08 p m	1628 S. 3d st	2	Brick	Louis Schmidt	Tenants	Dwelling	Unknown	2,000			1,000			14		14	14		14
22	23	3:57 p m	1031 Morgan st	3	Brick	Mr. Ettemeyer	Henry Roeder	Grocery Store	Gasoline stove		1,000						5	5			
22	97	7:20 p m	11th bet. O'Fallon and Cass av		No loss			Rubbish	Set by boys												
22	Still	10:28 p m	2929 Washington av	3	Brick	Mr. Thornburg	A. R. Kuetten	Dwelling	Matches		5,000			5,000			240	240		240	240
23	Still	1:15 a m	727 N. Vandeventer av	2	Brick	Peter Gerhard	Owner	Dwelling	Hot ashes												
23	Still	7:38 a m	S. W. cor. Locust and Ewing		No loss	St. Louis Club Hall		Club Hall	Smoky flue												
23	36	9:01 a m	Levee bet. Market and Chestnut		Jute	J. F. Morris		Jute	Unknown		500						25	25			
23	567	11:07 p m	S. S. Nat. Bdge. rd. near Calvary av	2	Frame	Union Press Bk. Co	Vacant	Dwelling	Set by tramps	800						400		400			
24	855	3:21 a m	Rear 3315 Klein st	2	Brick	H. Haumueller	Vacant	Dwelling	Hot ashes	4,500			4,500			35		35	35		35
25	634	9:26 a m	Rear 3309 Indiana av		Shed	Chas. Wehking	Owner	Wood and Coal	Unknown	75						25		25			
25	66	11:02 a m	Rear 1333 N. 6th st	2	Brick	J. J. Neehan	Tenants (col.)	Dwellings	Sparks from chimney	1,000			1,000			10		10	10		10
25	Still	7:45 p m	S. W. Cor. 8th and Cass av	2	Brick	Gerst Bros	Owners	Moulding Shop	Hot casting												
25	Still	9:07 p m	Carrie av. below Hall st	1½	Frame	Terminal R. R. Assn.	Vacant		Unknown	500						250		250			
26	21	5:21 a m	1209½ Wash st	2	Brick	Jno. C. King, Agent	Henry Klohn	Grocery Store	Gasoline stove	1,000	575	1,575	1,000	575	1,575	25	25	50	25	25	50
26	Still	7:27 p m	1106 Washington av	6	Brick		A. Haas & Sons	Wholesale Clothing	Electric light wire												
28	179	1:04 a m	Main and Park av		Lumber	St. Louis Refrig. & Wooden G. Co		Lumber Yard	Sparks from locomotive		10,000			10,000			283	283		283	283
28	Still	6:15 a m	False						False												
28	56	5:45 p m	206 S. 14th st	2	Brick	Chas. Green	J. H. Gronan	Dwelling	Dropping light		3,500			3,500			200	200		200	200
28	841	6:58 p m	3508-10 N. 11th st	2	Brick	Henry Sanders	P. Albrecht & Co	Shoe store	Gas jet		4,000			4,000			53	52		53	53
28	314	8:03 a m	Rear 2333 Olive st	2	Brick	Dr. Thompson	Tenants (col.)	Dwelling	Unknown												
29	Still	12:30 p m	Rear 6718 Minnesota av	2	Brick	Cyrus Brough	Owner	Dwelling	Overheated stove pipes	2,500			2,000			10		10	10		10
30	13	1:20 p m	Rear 1010 N. 6th st	2	Brick	Stead Bros	Tony Sausona	Dwelling	Children and matches												
30	Still	2:40 p m	McKissock and Grand av	1	Brick	St. Louis Varnish Co	Owners	Varnish Factory	Burning rubbish												
						Box Alarms, 88. Stills, 41. Total, 129, of which 5 were false.				$187,377	$267,929	$455,306	$168,607	$262,779	$431,386	$10,177	$18,258	$28,435	$7,394	$18133	$25,527

MAY, 1896.

DATE.	BOX.	TIME.	LOCATION.	No. of Stories.	Material.	OWNER.	OCCUPANT.	FOR WHAT PURPOSE USED.	ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	391	12:15 a m	False alarm						False												
1	576	3:06 a m	6208 Wells av	1½	Frame	J. B. Waters	Owner	Dwelling	Unknown												
1	576	3:06 a m	6210 Wells av	1½	Frame	P. F. Vander-Lipp, Agent	Mr Kronderberg	Dwelling	From the above												
1	16	7:55 p m	Rear 810 N. 9th st	3	Brick	J. Murphy	J. E. Smith	Hat Shop and Dwelling	Gasoline stove		500						25	25			
2	167	1:22 p m	Main and Convent sts		Rosin	Waters-Pierce Oil Co		Bbls. Rosin	Sparks from locomotive												
2	824	7:30 p m	N. E. Cor. Main and Angelica sts	1	Furnace Corrug'd	Mississippi Glass Works	Owner	Furnace House	Defective furnace wall												
2	5218	10-52 p m	Rear 5747 Cote Brilliante av	1	Frame	Donovan, Agent	Mrs. Ada Paddon	Dwelling	Gasoline stove	1,000	1,200	2,200		1,200		30	347	377		347	347
3	553	5:20 p m	4136 Fairfax av	1	Frame	Battinged, Agent	Fred Going	Dwelling	Unknown		500						15	15			
3	242	10:17 p m	1520 Pine st		No Loss				Gasoline stove												
4	625	12:51 p m	False alarm						False												
4	599	5.05 a m	5356 Easton av	1½	Brick and Frame	F. X. Blattner	Owner	Dwelling	Sparks from stove pipe	900	500	1,400	900	150	1,050	25	5	30	25	5	30
4	Still	10:27 a m	6137 Suburban av	2	Frame	Geo. Brocke	Owner	Dwelling	Defective flue	1,000	1,200	2,200	1,000	1,200	2,200	15	30	45	15	30	45
4	Still	4:35 p m	10th and Washington av		No Fire		Werthimer, Swartz & Co	Wholesale Shoes	Automatic spark heating												
4	Still	9:14 p m	Near 18th and Washington av		St. R. R. Car	Lindell R. R. Co		St. R. R. Car	Electric wires												
5	172	9:58 a m	903 LaSalle st	2	Brick	A. Waldauer	Owner	Dwelling	Alcohol lamp explosion	6,993	4,974	11,967	6,993	4,974	11,967	17	163	180	17	163	180
5	155	1:47 p m	Rear 27 S. 8th st	1	Frame	Robt. Plant	Eugene Towns	Kitchen	Boys at play												
5	77	3:04 p m	1023 N. 9th st		No Loss				Gasoline stove												
5	643	4:22 p m	1207 Missouri av	2	Brick	Phil. Reger	Owner	Dwelling	Sparks from chimney	2,500			2,000			15		15	15		15
6	347	11:18 a m	3034 Laclede av	2	Brick	Gay and McCann, Agents	L. A. Duckworth	Dwelling	Carelessness with gasoline												
6	155	2:49 p m	Rear 117 S. 10th st		No Loss				Gasoline stove												
6	667	6.48 p m	2662 Nebraska av	2	Brick	Anton Turner	Chas. Barr	Dwelling	Gasoline stove	1,800			1,500			25		25	25		25
6	235	7:51 p m	1919 Market st		Awning	Edmund and Freeman		Awning	Unknown												
7	169	12.47 a m	745 S. 3d st	3	Brick	Mrs. Louisa Feller	Chas. Maull	Macaroni Works	Unknown	1,500	5,000	6,500	1,500	5,000	6,500	528	3,396	3,924	528	3,396	3,924
7	113	8:31 a m	N. W. Cor. 2d and Carr sts	3	Brick		Greengard and Ehrlich	Mfg. Co	Burning rubbish												
8	613	8:05 p m	Rear 3127 Rutger st		No Loss				Burning rubbish												
9	127	3:35 a m	N. E. Cor. 2d and Lombard sts	3	Brick	Seibel Suessdorf	Cooper and Iron Mfg. Co.	Factory	From furnace												
9	5131	4.22 a m	Rear 3949 St. Ferdinand av	2	Frame	Jos. Lugton	Owner	Stable	Unknown	100						75		75			
9	5131	4:22 a m	Rear 3947 St. Ferdinand av		Shed	Mrs. Mooney			From the above	50						10		10			
9	5131	4:22 a m	Rear 3953 St. Ferdinand av		Shed	W. Hoffman			From the above	50						10		10			
9	5131	4:22 a m	Rear 3946 Cottage av		Shed	Saml. Stebbins			From the above	50						5		5			
9	5131	4:22 a m	Rear 3948 Cottage av		Shed	H. E. Stebbins			From the above	50						5		5			
9	5131	4:22 a m	Rear 3950 Cottage av	2	Frame	Wm. Darling			From the above	150			150			59		59	59		59
9	Still	8:10 p m	2609 Market st	2	Brick	Theo. Temple	Geo. Berlin	Dwelling	Coal oil lamp												
9	253	9:01 p m	False alarm						False												
9	966	10:00 p m	Rear 1828-30 S. 11th st	1½	Frame	Chas. Stnever	Bullmer and Moder	Stable	Unknown	166	450	616	166	450	616	100	30	130	100	30	130
10	752	3:52 a m	6801 Magnolia av	1	Frame	James W. Meich	Owner	Dwelling	Unknown	500	1,000	1,500	500	1,000	1,500	400	800	1,200	400	800	1,200
10	19	7:48 a m	1216 N. 14th st	2	Brick	Wm. Frost	Thos. Walsh	Dwelling	Matches and gasoline												
10	318	11:13 a m	2313 Dickson st	2	Frame	John Dahan	Owner	Dwelling	Sparks from chimney	1,000			1,000			13		13	13		13
10	97	8:10 p m	1327 High st		No Loss				Gasoline stove												
10	Still	8:12 p m	3100 Olive st	3	Brick	Judge Withrow	W. E. Avery	Dwelling	Coal oil lamp	5,000											
10	596	10:03 p m	Near Bayard av		R. R. Car	Suburban St. R. R.		Electric St. Car	Electric wire							10		10			
11	41	12:54 p m	320 to 324 Olive st	3	Brick and Frame	Wm. Booth & Co., Agents	Paul Petrie and others	Restaurant	Unknown	10,000	6,000	16,000	10,000	4,000	14,000	8,500	3,500	12,000	8,500	3,500	12,000
11	2nd	1:03 a m	314 Olive st	3	Brick	Erskins Heirs	Tenants	Dyeing Works	2d alarm	6,000			5,000			60		60	60		60

b

96-97.

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
		$1,000			$1,000			$117	$117		$117	$117
	$2,000			$2,000			$20		20	$20		20
	1,667	1,700	$3,367	1,667	1,700	$3,367	264	485	749	264	485	749
	1,800						10		10			
	10						5		5			
		500						15	15			
	15,000	41,000	56,000	15,000	41,000	56,000	650	12,132	12,782	650	12,132	12,782
		1,000						10	10			
ck.	6,000			6,000			250		250	250		250
	4,500	300	4,800	4,500	300	4,800	92	52	144	92	52	144
	2,000			1,000			14		14	14		14
		1,000						5	5			
		5,000			5,000			240	240		240	240
		500						25	25			
	800						400		400			
	4,500			4,500			35		35	35		35
	75						25		25			
	1,000			1,000			10		10	10		10
	500						250		250			
	1,000	575	1,575	1,000	575	1,575	25	25	50	25	25	50
e.		10,000			10,000			283	283		283	283
		3,500			3,500			200	200		200	200
		4,000			4,000			53	53		53	53
	2,500			2,000			10		10	10		10
	$187,377	$267,929	$455,306	$168,607	$262,779	$431,386	$10,177	$18,258	$28,435	$7,394	$18133	$25,527

		500						25	25			
c.												
	1,000	1,200	2,200		1,200		30	347	377		347	347
		500						15	15			
	900	500	1,400	900	150	1,050	25	5	30	25	5	30
	1,000	1,200	2,200	1,000	1,200	2,200	15	30	45	15	30	45
ng												
n.	6,993	4,974	11,967	6,993	4,974	11,967	17	163	180	17	163	180
	2,500			2,000			15		15	15		15
hne												
	1,800			1,500			25		25	25		25
	1,500	5,000	6,500	1,500	5,000	6,500	528	3,396	3,924	528	3,396	3,924
	100						75		75			
	50						10		10			
	50						10		10			
	50						5		5			
	50						5		5			
	150			150			59		59	59		59
	166	450	616	166	450	616	100	30	130	100	30	130
	500	1,000	1,500	500	1,000	1,500	400	800	1,200	400	800	1,200
	1,000			1,000			13		13	13		13
	3,500						10		10			
	10,000	6,000	16,000	10,000	4,000	14,000	8,500	3,500	12,000	8,500	3,500	12,000
	6,000			5,000			60		60	60		60

Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
$200,000	$8,000	$208,000	$192,000	$5,000	$197,000	$1,887	$447	$2,334	$1,887	$447	$2,334
250			100			100		100	100		100
500	200	700				10	5	15			
1,600	500	2,100	1,400			35	5	40	35		35
800						600		600			
500						300		300			
1,200	500	1,700	1,000			7	10	17	7		7
	300						10	10			
	1,400			1,200			32	32		32	32
25,000	800	25,800				209	10	219	209		209
2,500			1,800			10		10	10		10
75						25		25			
	300						10	10			
5,000	12,000	62,000	4,000	1,000	5,000	197	40	237	197	40	237
90,000	25,000	115,000	75,000	25,000	100,000	317	322	639	317	322	639
185			100			150		150	100		100
3,000			2,600			65		65	65		65
3,000						25		25			
	1,800			1,500			10	10		10	10
1,800	700	2,500				25	75	100			
6,000	25,000	8,500	6,000	2,500	8,500	455	350	805	455	350	805
	25,000			22,000			2,125	2,125		2,125	2,125
500						200		200			
1,800	500	2,300				600	300	900			
24,000	100,000	124,000	20,000	90,250	110,250	20,000	72,129	92,129	20,000	72,129	92,129
24,000	60 500	84,500	20,000	45,590	65,500	10,000	18,193	28,193	10,000	18,193	28,193
1,200	800	2,000	800	600	1,400	150	100	250	150	100	250
1,800			1,500			10		10	10		10
1,400	1,000	2,400	1,200	800	2,000	1,200	600	1,800	1,200	600	1,800
1,800	600	2,400	1,500	500	2,000	664	365	1,029	664	365	1,029
500						25		25			
	30,000			28,500			1,340	1,340		1,340	1,340
2,500	1,000	3,500	2,000	800	2,800	115	225	340	115	225	340
$438,219	$283,924	$722,143	$381,70	$243,124	$624,833	$47,283	$105,014	$152,297	$45,287	$104,549	$149,836

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

MAY, 1896.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
11	3d		S. E. Cor. 4th and Olive st	10	Brick	Rialto Building	Tenants	Offices	3d alarm	$200,000	$8,000	$208,000	$192,000	$5,000	$197,000	$1,887	$447	$2,334	$1,887	$447	$2,334
11	15	10:36 a m	1027 N. 8th st		No loss				Gasoline stove												
11	Still	12:12 p m	805 Franklin av	3	Brick	John O'Fallon	Norden Freden	House Furnishing	Electric wire												
11	391	5:56 p m	Rear 2916 Morgan st	2	Brick	M. A. Wolf & Co., Agents	Unoccupied	Stable	Set by boys	250			100			100		100	100		100
11	Still	9:24 p m	1116 N. 10th st	2	Brick	Jno. Weisting	Owner	Dwelling	Unknown												
12	416	4:22 a m	316 E. Espenschied sts	1	Frame	Mrs. Donohue	John Green	Dwelling	Defective flue	500	200	700				10	5	15			
12	319	10:04 a m	2706 Thomas st	2	Brick	Mrs. Mary O'Keefe	Owner	Dwelling	Gasoline stove	1,600	500	2,100	1,400			35	5	40	35		35
12	426	3:08 p m	Rear 4317 Oregon av	2	Frame	Louis Kattwasser	Owner	Stable	Unknown	800						600		600			
12	426	3:08 p m	Rear 4317 Oregon av	1 & 2	Frame	Mrs. M. Michel	Owner	Stable	From the above	500						300		300			
12	169	4:23 p m	318-20 Cedar st	2	Brick	A. J. Chopè	Tenants	Dwellings	Sparks from chimney												
12	141	6:05 p m	1337 S. 9th st	2	Brick	Mrs. Schumees	Tenants	Tenement	Sparks from chimney												
12	922	10:35 p m	220 Lesperance st	2	Brick	Mrs. M. Richey	Mrs. Cusick	Dwelling	Dropping lighted match	1,200	500	1,700	1,000			7	10	17	7		7
13	Still	6:11 a m	Unnecessary alarm						Spkl. head blew off												
13	396	12:32 p m	3438 Illinois av	2	Brick	M. Spiegelhalter	Owner	Dwelling	Gasoline stove												
13	87	5:44 p m	False alarm						False												
13	Still	7:26 p m	712 Pine st		No loss				Electric wire												
13	41	7:30 p m	4th and Pine sts		No loss				Electric wire												
14	Still	6:26 a m	1143 Leonard av	2	Stone Front	Fred Welby	Owner	Dwelling	Sparks from stove												
14	546	7:10 a m	Rear 3607 Finney av		Rubbish				Hot ashes												
14	712	8:27 a m	720 Hawk av	2	Brick	H. O. Rudrof	Geo. Donners	Dwelling	Lighted candle lace curtains		300						10	10			
14	237	11:57 a m	119 S. Broadway	2	Brick	Noonan & Co., Agents	Mrs. Hollingsworth	Furnished Rooms	Gasoline stove		1,400			1,200			32	32		32	32
14	43	12:08 p m	622 Locust st	4	Brick	J. Dockery, Agent	Tenants	Tailor Shop, etc	Gasoline stove	25,000	800	25,800				209	10	219	209		209
14	Still	12:14 p m	11th and Market sts		No loss	City of St. Louis	Owner	City Hall	Smoky flue												
15	19	9:24 a m	1234 High st		No loss				Gasoline stove												
15	77	9:53 a m	924 Biddle st		No loss				Gasoline stove												
15	12	12:37 p m	1205 N. 7th st		No loss				Gasoline stove												
15	Still	3:00 p m	818 La Baume st	3	Brick	Booth & Co., Agents	J. H. Pems	Dwelling	Sparks from chimney	2,500			1,800			10		10	10		10
15	319	8:01 p m	Rear 2627 Thomas st	2	Frame	Martin D. Burnes	Owner	Stable	Unknown												
16	41	1:01 a m	S. E. Cor. 4th and Market sts		R. R. Car				Electric converted												
16	755	10:38 a m	Rear 4232 W. Pine Boul		Shed	W. J. Kinsella	Owner	Wood and Coal	Unknown	75						25		25			
16	252	11:58 p m	714 N. 16th st	2	Brick & Frame	J. V. S. Barrett	Estella Thomas (col.)	Dwelling	Dropping cigarette		300						10	10			
17	121	12:30 a m	False alarm						False												
17	Still	1:22 p m	Levee and Pine st		Trestle Work	Terminal R. R	Owner	R. R. Tracks	Sparks from locomotive												
17	39	2:15 p m	107 N. Broadway		Awning	Storm & F., Agents	J. S. Wolff	Shoe Store	Dropping lighted cigar	5,000	12,000	62,000	4,000	1,000	5,000	197	40	237	197	40	237
17	117	3:59 p m	1137 Foster Alley		No loss				Gasoline stove												
17	322	10:30 p m	Rear 3312 Laclede av		W. Closet	David Rankin	Unused	Water Closet	Unknown												
19	Still	7:23 p m	1626 S. 3d st	2	Brick	Berglur & Co.	Geo. Sullivan	Dwelling	Gasoline stove												
19	516	5:21 p m	4527 Gano av		No loss				Gasoline stove												
20	249	12:57 p m	N. E. cor. Locust and 20th sts	6	Brick	Smith & Davis Mfg. Co.	Owners	Bed and Mattress Factory	Unknown	90,000	25,000	115,000	75,000	25,000	100,000	317	322	639	317	322	639
20	2d	1:02 p m							2d alarm												
21	Still	12:50 a m	Union Market		No loss				Electric wire												
21	46	11:34 a m	921 Locust st		No loss	Jno. Monti			Electric wire												
22	Still	5:56 a m	Rear 3950 Morgan st		Shed	Mrs. M. Daly	Owner	Wood and Coal	Hot ashes	185			100			150		150	100		100
22	Still	5:56 a m	Rear 3954 Morgan st	2	Brick & Frame			Wood and Coal	From the above	3,000			2,600			65		65	65		65
22	Still	1:05 p m	3856 Olive st	2	Brick	H. A. Blossom	E. May	Bakery	Overheated oven												
23	38	3:42 p m	12 S. 2d st	3	Brick	M. A. Wolf, Agent	Unoccupied		Set by boys (probably)	3,000						25		25			
23	Still	5:50 p m	12 S. 2d st		No further loss				Rekindling												
24	21	4:20 a m	S. W. cor. High and Morgan sts.		Lunch stand	A. Sedsky		Lunch Stand	Gasoline stove												
26	546	3:56 p m	N. E. cor. Franklin av. and Grand	4	Brick	Y. M. C. Assn.	Century Cycle Club	Storage	Gasoline brazier												
26	Still	7:49 p m	2410 S. Broadway	2	Brick	Theo. Walsh	Owner	Jewelry Store	Coal oil lamp explosion												
27	Still	[illegible] a m	27[illegible]1 N. 9th st	2	Brick	F. Buscher	J. Kaufani.	Dwelling	Gosoline stove												
27	556	11:[illegible] a m	2105 E. Grand av	2	Brick	Jno. Christin	Chas. Renaud	Dwelling	Gasoline stove												
27	5133	11:48 a m	3603 Page av	2	Stone Front	Chas. Commiskey	D. E. Smith	Dwelling	Lighted candle		1,800			1,500			10	10		10	10
27	322	1:17 p m	Rear 3317 Laclede av.		Shed	McNair & Harris, Agents	Tenants	Ash Pit and Coal Shed	Set by boys												
27	435	4:41 p m	False alarm						False												
27	Still	4:50 p m	1525 Taylor av	2	Brick	Jno. Grehner	Mrs. Eubriqus	Dwelling	Unknown	1,800	700	2,500				25	75	100			
27	Still	5:30 p m	1916 S. Broadway	2	Brick	J. Wurz	Owner	Stove Store and Dwelling	Tornado												
27	739	5:05 p m	S. S. Arsenal st., W. King's highway		Brick	City of St. Louis	Owner	City Poor House	Tornado												
27	136	5:05 p m	1100 S. 12th st.		No loss				Electric reducer												
27	155	5:07 p m	25 S. 8th st.		No loss				Electric wire												
27	524	5:15 p m	N. W. Cor. Spring av. and N. Market st.		Brick	Cass Av. and F. Ry.	Owner	Power House	Tornado												
27	87	5:30 p m	606 S. 7th st.	2	Brick	Jos. Ballinger	Wm. Nalty	Saloon	Tornado												
27	Still	5:30 p m	1914 S. Broadway	3	Brick	Isaac Baed	J. B. Steffen	Furniture Store and Dwelling	Unknown	6,000	25,000	8,500	6,000	2,500	8,500	455	350	805	455	350	805
27	Still	5:35 p m	21st and Gratiot sts	3	Brick	Consolidated	Steel and Wire Co	Wire Mill	Unknown												
27	Still	5:55 p m	1216 S. Broadway	2	Brick	Bedenstein	Wm. Sicher	Dry Goods and Notions	Unknown		25,000			22,000			2,125	2,125		2,125	2,125
27	Still	5:55 p m	1850 Menard st	2	Brick		Tenants	Dwelling	Tornado												
27	Still	6:20 p m	2220 Bismark st.	1	Brick & Frame	Adam Oswald	Owner	Stable and Store House	Lightning	500						200		200			
27	Still	6:30 p m	Geyer and Russell avs	2	Brick			Dwelling	Tornado and lightning	1,800	500	2,300				600	300	900			
27	44	5:38 p m	8th and Olive sts		Falling Scaffold				Tornado												
27	Still	6:45 p m	N. W. Cor. Main and Park av	3	Brick	St. Louis Refrig. and W. G. Co.	Owner	Factory	Tornado and lightning	24,000	100,000	124,000	20,000	90,250	110,250	20,000	72,129	92,129	20,000	72,129	92,129
27	63	6:48 p m	False Alarm						False												
27	559	6:55 p m	Carten av		Church	St. Angelberg's Congregation		Church	Tornado and lightning												
27	16	7:03 p m	Morgan and 9th sts		No loss				Electric wire												
27	Still	8:00 p m	Unnecessary alarm						Escaping steam												
27	Still	10:20 p m	21st and Papin sts	3	Brick	Consolidated Steel and W. Co	Owners	Wire Mill	Tornado	24,000	60,500	84,500	20,000	45,590	65,500	10,000	18,193	28,193	10,000	18,193	28,193
27	Still	5:10 p m	107 to 115 S. Broadway	5	Brick			Olympic Theater	Lightning												
28	Still	12:30 a m	1216 S. Broadway		No further loss				Rekindling												
28	Still	[illegible] a m	1216 S. Broadway		No further loss				2d rekindling												
28	5419	6:45 p m	4709 St. Louis av	2	Brick	Geo F. Johnson	D. D. McCarthy	Dwelling	Gasoline stove												
28	57	10:53 p m	False alarm						False												
28	Still	9:30 a m	401 N. 2d st	4	Brick		Levison and Blythe Mfg. Co.	Store	Defective flue												
29	354	10:45 a m	1726 N. 10th st	2	Brick	Mrs. Hottenhorst	Jno. Johnson	Paint Shop and Dwelling	Unknown	1,200	800	2,000	800	600	1,400	150	100	250	150	100	250
29	354	10:45 a m	Rear 924 Mound st	2	Brick	Mrs. Hottenhorst		Dwelling	From the above	1,800			1,500			10		10	10		10
29	515	11:10 a m	3939 Garfield av	1	Frame	Louis Schaeffer	Owner	Pickling Meat	Sparks from stove pipe												
29	57	11:26 p m	False alarm						False												
30	Still	6:41 a m	22d and St. Louis av		Street Car	18th st. R. R. Co.	Owner	Electric Street Car	Electric converter												
30	Still	9:30 a m	6133 Gambleton pl	2	Frame	Mrs. Eliza Holms	Owner	Dwelling	Defective flue	1,400	1,000	2,400	1,200	800	2,000	1,200	600	1,800	1,200	600	1,800
30	Still	9:30 a m	6135 Gambleton pl	2	Frame	Mrs. H. H. Farley	Owner	Dwelling	From the above	1,800	600	2,400	1,500	500	2,000	664	365	1,029	664	365	1,029
30	Still	9:30 a m	6137 Gambleton pl	1	Frame	C. W. Schmuck	Owner	Dwelling	From the above	500						25		25			
30	Still	3:35 p m	Shaw av. and Old Manchester rd		No loss			Shaw's Garden	Burning rubbish												
30	26	7:20 p m	213 N. 2d st	4	Brick	Nathan Cole	Tenants	Stores	Unknown		30,000			28,500			1,340	1,340		1,340	1,340
30	Still	8:47 p m	700 N. 3d st	3	Brick	J. T. Grimmer	Owner	Gun Store	Unknown												
30	869	10:44 p m	Rear 5204 N. 2d st	1	Frame	Val Miller	Owner	Kitchen	Unknown												
31	Still	2:30 a m	Broadway and Mullanphy st	2	Brick	Terminal R. R. Asso	Vacant		Set by tramps												
31	119	5:04 a m	N. E. Cor. 9th and Cass av	2	Brick	Jno. S. Kupferle	Brady and McGroarty	Feed Store	Unknown	2,500	1,000	3,500	2,000	800	2,800	115	225	340	115	225	340
31	Still	4:07 p m	513 to 15 N. Main st	4	Stone Front		E. F. W. Meier	Queensware Store	Electric wire												
31	47	8:02 p m	S. E. Cor. 6th and Market sts	4	Brick	G. Kreinbaum (lessee)	Lessee	Saloon	Electric wire												
31	Still	8:35 p m	303 N. Broadway	5	Brick		Peter Oaks	Candy Store	Electric converted												
			Box Alarms, 89. Stills, 44. Total, 133, of which 9 were false.							$438,219	$283,924	$722,143	$381,70	$243,124	$624,833	$47,283	$105,014	$152,297	$45,287	$104,549	$149,836

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

JUNE, 1896.

DATE.	BOX.	TIME.	LOCATION.	CLASS OF BUILDING.		OWNER.	OCCUPANT.	FOR WHAT PURPOSE USED.	ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
1	Still	8:00 a m	1328 S. 2d st						False												
1	Still	7:15 a m	2808 S. 12th st	1	Brick	Jno. Ludwick	L. Stratman	Dwelling	Chimney fire	$3,000			$2,000			$100		$100	$100		$100
1	61	12:35 p m	1021 Chestnut st	1	Frame	Dr. Hill	Geo. Rockwell	Dwelling	Boiling over kettle tar on stove												
2	78	7:58 a m	1701 Lucas av	2	Brick	Dr. Knox	H. W. Peffley	Kitchen	Gasoline stove	2,200	$600	$2,800	1,960			330	$60	390	330		330
2	Still	10:22 a m	3103 Chestnut st	2	Brick		G. A. Melinx	Dwelling	Clothes too near stove		3,560			$3,000			160	160		$160	160
3	758	4:47 a m	3948 Papin st	1	Frame	Baptist Congregation		Church	Unknown	1,000	200	1,200	700			64	10	74	64		64
3	Still	10:50 a m	207 to 15 N. 6th st	3	Brick	Julius Walsh	Wm. C. Milford	Lodging House	Sparks from furnace	20,000			17,468			100		100	100		100
3	629	2:19 p m	False alarm						False												
4	15	5:48 p m	1017 N. 8th st		No loss				Gasoline stove												
5	336	4:31 p m	2128 Olive st		No loss				Gasoline stove												
6	44	5:19 p m	207 N. 8th st	3	Stone Front	F. Wright	F. W. Meyer	Restaurant Kitchen	Gasoline stove	3,000	500	3,500	2,625			25	10	35	25		25
6	77	10:54 p m	810 Carr st		No loss				Gasoline stove												
7	57	1:57 a m	False alarm		No loss				False												
8	Still	10:55 a m	21st and Branch sts		Brick	Eckhoff Fur. Co	Owner	Furniture Factory	False. Automatic spkler bell												
9	863	8:00 a m	3954 N. 20th st	1	Brick	C. C. Crone	A. T. Briggs	Dwelling	Gasoline stove												
9	522	8:19 a m	3862 Windsor place	3	Brick	A. H. Duncan	Owner	Dwelling	Gasoline stove	3,500	1,200	4,700	3,000	1,000	$4,000	129	76	205	129	76	205
10	Still	2:58 p m	1226 Spruce st	2	Brick	Jno. Kirby	Tenants (col.)	Dwelling	Unknown	1,800						15		15			
10	136	11:08 p m	1119 S. 13th st	2	Brick	Mr. Gibson	Mrs. Roth	Dwelling	Coal oil lamp		500						10	10			
11	5219	4:28 a m	5626 Cote Brilliante av	2	Frame	B. R. Farrar	Owner	Dwelling	Unknown	3,200	1,200	4,400	2,900	1,000	3,900	1,900	900	2,800	1,900	900	2,800
11	541	8:09 a m	3700 W. Pine boulevard	2	Brick	B. F. Saylor	Owner.	Dwelling	Overheated stove	6,500	2,500	9,000	6,000	2,000	8,000	20	57	77	20	57	77
12	196	8:11 a m	1426–28–30 Washington av	1&2	Brick and Frame	Mrs. M. J. Sweringen	J. O. Chenoweth & Co	Dyeing Est	Spont. Comb	2,200	500	2,700	1,950			665	50	715	665		665
12	Still	7:25 p m	112 N. 12th st	2	Brick	Mr. Murk	M. J. Mulvihill	Furniture Store	Fumigating with sulphur												
12	121	6:11 p m	1421 Chouteau av	2&3	Brick	Jos. Boyce		Dwelling	Sparks from open flue	3,000						10		10			
12	336	9:32 p m	2021 Pine st	4	Brick	Chas. B. Clark	Owner	Carriage Factory	Spont. Comb												
13	992	7:41 p m	2860 Wisconsin av		No loss				Burning rubbish												
13	Still	9:31 p m	412–14 S. 6th st	3	Brick	Chas. Geitner	Strawbridge Wright Mfg. Co.	Machine Shop	Overheated furnace	1,200			1,000			2		2	2		2
13	41	10:00 p m	118 N. 4th st	4	Stone Front	Sprague Delec. Co	Oscar Lewald	Store	Gasoline stove												
13	124	10:56 p m	6th bet. Cerre and Gratiot sts	1	Stone Front	Western Brass Mfg. Co.	Owners	Foundry	Overheated furnace	2,500			2,200			950		950	950		950
14	Still	1.07 a m	4962 Fountain place	2	Brick	Mrs. O'Day	Mrs. Fretchie	Dwelling	Gasoline stove												
15	78	6:05 p m	1723 Morgan st		No loss				Electric light wire												
16	252	5:51 p m	1709 Franklin av	3	Brick	Henry Schuremeyer	Tenants	Tenement	Sparks from chimney	3,000			1,000			7		7	7		7
16	227	7:45 p m	False alarm						False												
16	276	7:56 p m	N. W. cor. Compton and Papin	1	Brick	Lindell R. R. Co.	Owner.	Power House	Sparks from chimney												
17	42	12:25 a m	314 N. Broadway	5	Stone Front	J. E. Kaime & Bro., Agents	L. Mohr Conf. Co	Bakery and Restaurant	Unknown	20,000	9,000	29,000	18,000	8,800	26,800	908	1,353	2,261	908	1,353	2,261
17	2d	12:25 a m							2d alarm												
17	Still	6:10 a m	1601 Hickory st	3	Brick	J. Maguire	P. J. Miller	Meat Market	Gasoline stove												
17	974	5:20 p m	805 Ann av		No loss				Chimney fire												
17	151	6:14 p m	Station "A."	1	Brick	Laclede Gas Co.	Owner.	Generating Gas	Breaking glass gauge												
17	176	7:39 p m	Main and Dickson		No loss				Electric wire												
17	Still	8:00 p m	7608 Reilly av	2	Brick	Peter Luppins	Owner.	Dwelling	Lightning	2,500						50		50			
17	155	8:03 p m	8th and Walnut sts		No loss				Electric wire												
17	5166	8:05 p m	4232½ Garfield av	2	Brick	Sarah J. Rayne	J. McCauliff	Dwelling	Coal oil lamp explosion	2,200			2,000			8		8	8		8
17	49	8:10 p m	1223 Pine st		No loss				Coal oil lamp explosion												
17	957	9:05 p m	Main and Dorcas sts		No lots	F. Heitz	Owner.	Glass Works	Hot glass falling on floor												
17	979	9:45 p m	1550 Mississippi av	3	Stone Front	E. A. Cameron	Owner.	Dwelling	Unknown		3,000			2,500			2 000				
17	448	10:00 p m	7816 Waters st	1	Brick	Fred. Humm	Owner.	Dwelling	Lightning												
18	921	4:14 p m	1626 S. 3d st	2	Brick	Louis Schmidt	John Gruennager	Dwelling	Gasoline stove		700						10	10			
18	634	8:50 p m	3418 Indiana av	2	Brick	Adolph Hastig	Billinger Bros	Dwelling	Coal oil lamp explosion												
18	Still	11:44 p m	Indiana av. and Ann		No loss				Incendiary												
19	47	2:56 p m	102 N. 6th st	3	Brick	Levi and Epstein, Agents	Rufus J. Mann	Gents Furnishing	Dropping lighted cigarette		450			350			35	35		35	35
19	859	3:24 p m	2923 Harper st	1	Brick	Wm. Holz	Owner.	Dwelling	Sparks from stove												
19	7212	6:21 p m	4146 Wyoming st	1	Frame	Mullanphy Assn.	Tenant	Dwelling	Gasoline stove												
19	Still	8:28 p m	8th and Lucas av		No loss				False. Automatic alarm												
20	Still	12:15 p m	6722 Minnesota av	2	Frame	Mr. Barnum	Mr. Carney	Dwelling	Smoky chimney												
20	415	11:16 a m	7732 Ivory av		No loss				Gasoline stove												
20	623	5:56 p m	Unnecessary alarm		No loss				Burning rubbish												
21	35	6:40 p m	False alarm						False												
21	62	9:20 p m	710 Market st		No loss				Electric wire												
22	Still	2:58 a m	14 S. 8th st		No loss				Electric wire												
22	197	10:37 a m	15th and Olive sts		No loss				Chimney fire												
22	Still	7:50 p m	6th and Market sts	2	Brick			Saloon	Electric wire												
22	5156	9:29 p m	779 Walton av	2	Brick	John Cox	Mrs. A. M. Robbins	Dwelling	Gasoline stove	3,000			2,800			45		45	45		45
22	155	10:09 a m	10th and Walnut sts		No loss				Electric wire												
22	42	10:23 p m	Broadway and St. Charles st		No loss				Electric wire												
23	347	11:32 a m	False alarm						False												
23	324	11:48 a m	3020 Sheridan av	2	Stone Front	Rowse & Hopkins, Agents	Mrs. M. W. Huyette	Dwelling	Match stepped on		1,000			500			50	50		50	50
23	574	9:55 p m	Rear 4482 Lindell av		Shed	C. Virths	Owner	Coal Shed	Burning rubbish	150						25		25			
24	15	8:08 a m	711 Wash st	2	Brick			Dwelling	Gasoline stove												
24	7214	5:08 p m	False alarm						False												
24	249	5:48 p m	19th and Locust sts		No loss				Electric wire												
25	523	8:22 p m	4055 N. Market st	1	Brick	J. W. Tremayer	Owner	Kitchen	Gasoline and matches	2,000	700	2,700	1,750	300	2,050	20	10	30	20	10	30
25	Still	9 05 p m	806 N. Main st	4	Brick	Jackes Evans Mfg. Co	Owner	Stove Foundry	Electric wire												
26	Still	2:00 a m	11th and Hebert sts	4	Brick	Pleuger Henger	Owner	Foundry	Chimney fire												
26	57	3:18 a m	1241 Linden st	2	Brick	Mrs. O'Brien	Tenants (col.)	Dwelling	Dropping lighted match		300						10	10			
26	452	11:58 a m	4557 S. Broadway	2	Brick	Frank Ambs	L. W. G. Renkert	Drug Store	Spont. combustion												
26	379	12:33 p m	3438 Lucas av		Awning	Dr. J. A. Campbell	Owner	Dwelling	Sparks from chimney	5,000			4,000			9		9	9		9
26	327	12:43 p m	3030 Olive st	2	Brick	Henry Sayers	Madam Marggraf	Millinery Store	Hot sad-iron		1,800			1,500			581	581		581	581
26	377	6:58 p m	2521 N. 12th st	2	Brick	Wm. Tuckhorn	Fred Boeck	Dwelling	Gasoline stove	1,800	700	2,500	1,500			20	10	30	20		20
26	Still	7:45 p m	1012 N. Vandeventer av	2	Brick	Forster Realty Co	Sam. Stawit	Dwelling	Gasoline stove												
26	Still	10:25 p m	518 N. 3d st	3	Brick	Nichola Scharf	Ury & Mansfield	Tobacco Store	Unknown	6,000	30,000	36,000	5,000	26,000	31,000	37	6,225	6,262	37	6,225	6,262
27	Still	7:40 a m	409 N. Bway				E. W. Parrish Shoe Co.	Shoe Store	Electric wire												
27	Still	7:40 a m	11th and Chestnut sts		Brick	St. Louis	Owner	City Hall	Electric wire												
28	5312	1:36 p m	3617 Cote Brilliante av	2	Stone Front	Wm. Lauman	Owner	Dwelling	Children and matches	5,000			4,000			15		15	15		15
28	Still	5:33 p m	2300 Wash st	3	Brick	P. Carroll	Owner	Grocery Store	Gasoline tank												
28	23	10:15 p m	False alarm						False												
28	414	11:09 p m	212 E. Stein st	1	Frame	St. Louis Whiting Co.	Owner	Factory	Sparks from smoke-stack												
29	576	2:19 a m	Outside city limits						Unknown												
29	342	12:55 p m	1804 N. Bway	3	Brick	Anderson Wade R. Co., Agents	Tenants	Tenement	Sparks from chimney												
29	247	6:25 p m	21st and Washington av		Brick	J. B. Sickles Saddlery Co	Owners	Factory	Burning rubbish												
29	243	9:37 p m	S. S. 701 N. 6th st		Lunch Stand	A. Harris	Owners	Lunch Stand	Gasoline stove	10						2		2			
30	323	2.13 a m	715 N. Leffingwell av	2	Brick	Benj. Lynds	Geo. Klein	Butcher Shop	Burglars set by	3,000			2,500			69		69	69		69
30	Still	10:00 a m	620 Pine st		No loss				Defective smoke-stack												
30	977	11:34 a m	1929 Geyer av	2	Brick	Wm. Wrisberg	M. L. Heyssler	Grocery and Dwelling	Gasoline stove	3,000			2,500			35		35	35		35
30	76	12:00 m	Rear 1211 Biddle st	2	Brick	Mrs. Fannie Finklestein	B. Lanzner	Dwelling	Gasoline stove		350						10	10			
30	998	8:08 p m	3539 DeKalb st	1	Frame	American Boat Bldg. Co.	Owners	Storage Purposes	Testing gasoline engine		900			750			100	100		100	100
30	432	11:14 p m	7103 S. Broadway	3	Brick	J. Barde	Owners	Dwelling	Coal oil lamp explosion	3,000			2,000			8		8	8		8
			Box Alarms, 73. Stills, 32. Total, 105, of which 9 were false.							$112,760	$59,600	$172,360	$88,853	$47,700	$136,553	$5,573	$11,727	$17,300	$5,466	$11,537	$17,003

96-97.

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$3,000			$2,000			$100		$100	$100		$100
on stove												
	2,200	$600	$2,800	1,960			330	$60	390	330		330
		3,500			$3,000			160	160		$160	160
	1,000	200	1,200	700			64	10	74	64		64
	20,000			17,468			100		100	100		100
	3,000	500	3,500	2,625			25	10	35	25		25
kler bell												
	3,500	1,200	4,700	3,000	1,000	$4,000	129	76	205	129	76	205
	1,800						15		15			
		500						10	10			
	3,200	1,200	4,400	2,900	1,000	3,900	1,900	900	2,800	1,900	900	2,800
	6,500	2,500	9,000	6,000	2,000	8,000	20	57	77	20	57	77
	2,200	500	2,700	1,950			665	50	715	665		665
hur												
	3,000						10		10			
	1,200			1,000			2		2	2		2
	2,500			2,200			950		950	950		950
	3,000			1,000			7		7	7		7
	20,000	9,000	29,000	18,000	8,800	26,800	908	1,353	2,261	908	1,353	2,261
	2,500						50		50			
	2,200			2,000			8		8	8		8
		3,000			2,500			2 000				
		700						10	10			
rette		450			350			35	35		35	35
	3,000			2,800			45		45	45		45
		1,000			500			50	50		50	50
	150						25		25			
	2,000	700	2,700	1,750	300	2,050	20	10	30	20	10	30
ch.		300						10	10			
	5,000			4,000			9		9	9		9
		1,800			1,500			581	581		581	581
	1,800	700	2,500	1,500			20	10	30	20		20
	6,000	30,000	36,000	5,000	26,000	31,000	37	6,225	6,262	37	6,225	6,262
	5,000			4,000			15		15	15		15
	10						2		2			
	3,000			2,500			69		69	69		69
k												
	3,000			2,500			35		35	35		35
		350						10	10			
e.		900			750			100	100		100	100
n.	3,000			2,000			8		8	8		8
	$112,760	$59,600	$172,360	$88,853	$47,700	$136,553	$5,573	$11,727	$17,300	$5,466	$11,537	$17,003

Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
$1,000			$700			$52		$52	$52		$52
2,000						10		10			
75						20		20			
1,200			1,200			30		30	30		30
2,500						10		10			
20,000	$12,000	$32,000	17,500	$10,750	$28,250	110	$2,221	2,331	110	$2,221	2,331
1,800	400	2,200	1,500			15	10	25	15		15
1,000	2,500	3,500	800	2,200	3,000	131	100	231	131	100	231
1,000	1,000	2,000		800		20	110	130		110	110
1,200			1,000			500		500	500		500
1,000	500	1,500	800	400	1,200	585	100	685	585	100	685
50											
50											
500			325			200		200	200		200
12,000			10,000			10		10	10		10
100						5		5			
100						15		15			
50						5		5			
1,200			1,000			3		3	3		3
1,800	800	2,600	1,525			15	10	25	15		15
800						10		10			
3,000			2,500			6		6	6		6
	700			500			5	5		5	5
3,000			2,500			9		9	9		9
120,000	126,000	246,000	101,700	122,300	224,000	68,155	18,718	86,873	68,155	18,718	86,873
1,000	1,000	2,000		800		300	700	1,000		700	700
3,000	5,000	8,000	2,000	4,300	6,300	50	650	700	50	650	700
	500			400			124	124		124	124
3,000	500	3 500	2,000	400		20	124	144	20	124	144
	250						50	50			
500	300	800				400	300	700			
	700			500			40	40		40	40
7,000	2,200	9,200	6,000	1,900	7,900	250	100	350	250	100	350
100						50		50			
125	100			100		25	92	117		92	92
125						15		15			
2,000	800	2,800	1,800	700	2,500	25	43	68	25	43	68
75						50		50			
75						25		25			
75						15		15			
75						25		25			
700	400	1,100	600			233	200	433	233		233
6,000			5,000			10		10	10		10
2,000	800	2,800	1,800			200	100	300	200		200
	700			600			29	29		29	29

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

JULY, 1896.

Date.	Box.	Time.	Location.	Class of Building. No. of Stories.	Class of Building. Material.	Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	Still	12:25 a m	Under 12th st. Bridge	1	Frame	St. Louis Terminal Ry. Assn	Owners	Store Room	Unknown												
3	281	12:45 a m	2549 Maiden Lane	2	Frame	Mrs. Julia Coloney	Owners	Dwelling	Sparks from chimney	$1,000			$700			$52		$52	$52		$52
3	Still	8 36 p m	8th and Lucas av		No loss				Automatic spkler												
3	Still	5 32 p m	604 Loughborough av	2	Brick	Mullanphy Est	Ed. O'Neill	Dwelling	Gasoline stove	2,000						10		10			
4	955	1:03 a m	Rear 1945 Cherokee st	1	Frame	P. Meizinger	Tenants	Coal Shed	Fire works	75						20		20			
4	226	1:26 a m	925-27 Gratiot st	2	Brick	Julia Golden, Est	Tenants	Dwelling	Fire works	1,200			1,200			30		30	30		30
4	5132	1.58 a m	Natural Bridge road and Vandeventer av.		Frame	St. Louis Jockey Club	Owners	Grand Stand	Tinner's fire pot												
4	193	1:28 p m	2801 Stoddard st	2	Brick	Adam Weber, Agent	J. E. Thompson	Dwelling	Fire works	2,500						10		10			
4	331	1:58 p m	509 to 513 N. 6th st	4	Stone Front	J. T. Donovan, Agent	Western Tailoring Co	Tailoring Establishment	Charcoal furnace	20,000	$12,000	$32,000	17,500	$10,750	$28,250	110	$2,221	2,331	110	$2,221	2,331
4	647	2:41 p m	3413 Caroline st	2	Brick	Olle Olsen	Henry Weiss	Dwelling	Fire works	1,800	400	2,200	1,500			15	10	25	15		15
4	Still	4:50 p m	Vacant lot 7th and Mullanphy st		Wagon	C. Themetze			Fire works												
4	5231	8 20 p m	4251-3 Natural Bridge road	1	Frame	Jos. Reneke	John Burgaetze	Feed Store	Fire works	1,000	2,500	3,500	800	2,200	3,000	131	100	231	131	100	231
4	Still	8 30 p m	12th and Warren sts	2	Brick	Grace Church Congregation	Rev. J. P. T. Ingralin	Dwelling	Baloon falling on roof												
4	769	9:20 p m	4449 Hunt av	1	Frame	Wm. Howe	Pat. Mulvoy	Dwelling	Fire works	1,000	1,000	2,000		800		20	110	130		110	110
4	596	9.36 p m	1125 Walton av	1	Frame	Mrs. White	Vacant	Dwelling	Fire works	1,200			1,000			500		500	500		500
5	78	12:55 a m	Morgan and 17th sts		No loss				Bonfire												
5	252	9 41 a m	Rear 1601 Wash st		No loss				Gasoline can explosion												
6	233	12:02 a m	2244 Washington av		No loss				Gasoline stove												
6	718	2 21 a m	Rear 5714 S. Road	1	Frame	W. O. Thomas	Geo. Bosse	Dwelling	Unknown	1,000	500	1,500	800	400	1,200	585	100	685	585	100	685
6	718	2 21 a m	Rear 5716 S. Road	1	Frame	W. O. Thomas	Pat. Carney	Dwelling	From the above												
6	851	8 59 a m	2402 Salisbury st		No loss				Gasoline stove												
6	Still	10 45 a m	13 N. 6th st		No loss				Automatic sprinkler												
6	47	10.59 a m	False Alarm		No loss				False												
6	Still	7.40 p m	6th and Franklin av		Telegraph Pole				Electric wire												
6	16	7 41 p m	False Alarm						False												
7	946	3.16 p m	Rear 2828 S. 9th st		Shed	Alphonso Erburger	Tenants	Wood and Coal	Set by children	50											
7	946	3 16 p m	Rear 2830 S. 9th st.		Shed			Wood and Coal	From the above	50											
7	946	3:16 p m	Rear 2826 S. 9th st.	1½	Frame			Coal Shed and Stable	From the above	500			325			200		200	200		200
7	5218	6 28 p m	5654 Theodosia av		No loss				Gasoline stove												
8	253	12 31 p m	Rear 918 N. 19th st		Fences	Benj. Stoettlemeyer	Owner	Wooden Fence	Unknown	12,000			10,000			10		10	10		10
8	253	12 31 p m	Rear 1828 Wash st		Shed	Blind Girls Home	Owner	Coal Shed	From the above	100						5		5			
9	563	2 43 p m	Rear 4558 Cottage av		Shed	James McEvoy	Owner	Coal Shed	Set by children	100						15		15			
9	563	2 43 p m	Rear 4560 Cottage av		Shed	John O'Brien	Owner	Coal Shed	From the above	50						5		5			
10	758	1 57 a m	833 Manchester av	2	Frame	Mrs. Herchenbach	A. Rapp	Saloon	Unknown	1,200			1,000			3		3	3		3
10	618	5 52 a m	909 West Jefferson av	2	Brick	Mrs. Kennell	J. M. Patterson	Dwelling	Gasoline stove	1,800	800	2,600	1,525			15	10	25	15		15
10	533	7 20 a m	Rear 2820 N. Grand av	1	Frame	Mrs. Eva Loron	Jerry Prather	Dwelling	Defective flue	800						10		10			
10	65	10 39 a m	821 Market st	3	Brick	Schwartz Est.	H. E. Cooper	Dwelling	Gasoline stove	3,000			2,500			6		6	6		6
10	65	10 39 a m	821 Market st		1st floor	Schwartz Est.	Otto Smith	Stove and Tin Store	From the above												
10	Still	10 54 a m	1115 Dolman st	2	Brick	G. Wilkerson	O. Bloess	Dwelling	Hot ashes												
10	768	2:38 p m	4220 Folsom av	1	Brick	Wm. S. Foreman	Henry Schmaehl	Dwelling	Overheated stove		700			500			5	5		5	5
11	715	11 22 a m	False Alarm						False												
11	Still	11 20 p m	Rear 3129 Easton av	3	Brick	Fred. Weldle	Sarah Brigely	Dwelling	Unknown	3,000			2,500			9		9	9		9
11	613	4 46 p m	3514a Hickory st	2	Brick	Mr. Bradburn	Mrs. Heil	Dwelling	Gasoline stove												
12	Still	8 30 p m	Vandeventer and Laclede av		No loss				False												
13	332	2:20 a m	N. E. Cor. 2d and Biddle st		Frame	Terminal R. R. Assn	Owner	Elevator	Unknown												
13	2d & 3d	2 28 a m	Adjoining on the north	1	Brick	Terminal R. R. Assn	Owner	Boiler House	2nd												
13	Gen'l	3 13 a m	East of elevator	1 & 2	Frame	Terminal R. R. Assn	Owner	Freight Dept.	3rd and	120,000	120,000	240,000	101,750	122,250	224,000	68,155	18,718	86,873	68,155	18,718	86,873
13	Gen'l	3 13 a m	Terminal R. R. Tracks		Freight Cars	Pennsylvania R. R. Co.		Freight Cars	General alarm												
13	334	10 24 a m	2710 Chestnut st	2	Stone Front	W. C. Farris	Owner	Dwelling	Gasoline stove												
13	61	5 45 p m	3107 Chestnut st	3	Brick		Vacant	Dwelling	Tinner's fire pot												
14	841	3 02 p m	3604 N. 14th st	1	Frame	Jno. Nyhoff	Jos. Stengler	Wall Paper Store	Unknown	[illegible]	1,000	[illegible]		800		300	700	1,000		700	700
14	841	3 02 p m	3606-8 N. 14th st	2	Brick	Jno. Nyhoff	Henry Keitz	Dry Goods Store	From the above	[illegible]	[illegible]	[illegible]	2,000	4,300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	700
14	841	3 02 p m	3606-8 N. 14th st		2d floor	Jno. Nyhoff	Conrad Yetekler	Dwelling	From the above		500			400			121	124		124	124
14	841	3 02 p m	3602 N. 14th st	2	Brick	Jno. Nyhoff	S. Boeding	Dwelling	From the above	[illegible]	[illegible]	[illegible]	[illegible]	400		20	124	144	20	124	144
14	841	3 02 p m	3602 N. 14th st		2d floor	Jno. Nyhoff	Chas. Metz	Dwelling	From the above		250						50	50			
14	991	5 15 p m	False Alarm						False												
14	Still	8 40 p m	Rear S. W. Cor. 9th and Cass av		Frame	D. J. Holloran	Owner	Water Closet	Burning paper in vault												
14	139	8 49 p m	False Alarm						False												
15	19	4 00 a m	Rear 1401 Biddle st	1	Frame	Henry Boeckmann	Owner	Wagon Shed	Unknown	[illegible]	[illegible]	800				100	[illegible]	[illegible]			
15	19	4 00 a m	Rear 1401 Biddle st	2	Frame	Henry Boeckmann	Louis A. Duepe	Dwelling	From the above												
15	19	4 00 a m	1407-9 Biddle st	3	Brick	Prewitch & Laventhal	L. Laventhal	Dwelling	From the above		700			[illegible]			[illegible]	10		[illegible]	[illegible]
15	634	5 42 a m	2700 Gravois road	2	Brick	Chas. Walber	H. Winkels	Grocery, Saloon and Dwelling	Dropping a lighted cigarette	[illegible]	2,250	[illegible]	[illegible]	[illegible]	7,000	250	100	350	250	100	350
15	132	8 11 a m	Unnecessary Alarm						Escaping steam												
15	424	9 24 a m	2212 Dekalb st	2	Brick	Pioneer Cooperage Co	Owner	Cooper Shop	Carelessness boy												
15	289	6 32 p m	Rear 2127 Cass av	1	Frame	A. G. Schmaehl	Owner	Shoe Factory	Unknown												
15	141	9 30 p m	N. E. Cor. Park av and 9th st	1	Brick	Christopher & Simpson	Arch. I. and Foundry Co.	Foundry	Dumping cupola												
16	162	1 01 a m	Rear S. W. Cor. 2d and Cedar st		No loss				Unknown												
16	139	5 22 a m	1800 N. 37th st	2	Brick & Frame	Tobe Buck	Owner	Stable	Unknown												
16	524	3 24 p m	Rear 3722 Lincoln av	1	Frame	Mary Keil	Owner	Coal Shed	Set by boys	100						50		50			
16	524	3 24 p m	Rear 3724 Lincoln av	1	Frame	Geo. Spellman	Owner	Coal Shed	From the above	25	[illegible]		[illegible]			[illegible]	12	[illegible]		[illegible]	[illegible]
16	524	3 24 p m	Rear 3725 Cottage av	1	Frame	John Cornwald	Owner	Coal Shed	From the above	[illegible]						15		[illegible]			
17	972	10 11 a m	921 Geyer av	2	Brick	Jos. Brichta	Alois Mayer	Dwelling	Overheated stove	2,000	800	2,800	1,800	700	2,500	25	43	68	25	43	68
17	789	5 50 p m	Clifton and Wilson avs		Shed	Julius Garrell	E. B. Semins	Coal Shed	Unknown												
17	573	5 36 p m	Rear 4324 W. Belle place		Shed	M. Elworth	Mrs. Sparks	Coal Shed	Unknown	[illegible]											
17	573	5 36 p m	Rear 4324 W. Belle place	2	Brick	M. Elworth	Mrs. Sparks	Dwelling	From the above							70		70			
17	573	5 36 p m	Rear 4322 W. Belle place		Shed	R. A. Miles	Owner	Coal Shed	From the above	[illegible]											
17	573	5 36 p m	Rear 4322 W. Belle place	2	Brick	R. A. Miles	Owner	Dwelling	From the above							25		25			
17	573	5 36 p m	Rear 4328 W. Belle place		Shed	A. K. Bretelle	Mrs. Weinberger	Coal Shed	From the above	[illegible]											
17	573	5 36 p m	Rear 4328 W. Belle place	2	Brick	A. K. Bretelle	Mrs. Weinberger	Dwelling	From the above							15		15			
17	573	5 36 p m	Rear 4330 W. Belle place		Shed	Nichols-Ritter, Agents	Tenants	Coal Shed	From the above	[illegible]											
17	573	5 36 p m	Rear 4330 W. Belle place	2	Brick	Nichols-Ritter, Agents	Tenants	Dwelling	From the above							25		25			
17	573	5 36 p m	Rear 4334 W. Belle place	2	Frame	F. J. Renfrew	Owner	Stable	From the above												
17	252	8 15 p m	1520 Morgan st	2	Brick	S. L. Freeman	Colored Tenants	Dwelling	Gasoline stove												
18	Still	12 30 a m	Unnecessary Alarm						Sparks chimney												
18	834	3 51 a m	1452 Sullivan av	1	Brick & Frame	Mr. Hyatt	Mr. Hoffman	Dwelling	Gasoline stove	[illegible]	400	[illegible]	400			233	200	433	233		233
18	24	9 12 a m	900 N. 11th st	3	Brick	Geo. Leech	Mary Gruenwald	Dwelling	Sparks from chimney	[illegible]			5,000			10		10	10		10
19	Still	10 45 a m	Rear 858 Pennsylvania av	1	Frame	Aug. Bauer	Owner	Stable	Set by boys												
19	857	10 40 a m	1604 N. 23d st	2	Brick	Leon. Boehmer	Tenants	Dwelling	Gasoline stove	2,000	800	2,800	1,800			200	100	300	200		200
19	515	12 16 p m	518 Garfield av	2	Brick	Fred. Gassnatz	F. Brent	Dwelling	Gasoline stove		700			600			29	29		29	29
20	15	7 30 p m	Rear 715 Wash st		Yard, no loss				Gasoline stove												
22	827	7 36 a m	1412 Blair av	2	Frame	H. H. Bruegemann	Owner	Dwelling	Gasoline stove												
22	Still	4 13 p m	Broadway, bet. Franklin and Morgan sts						Automatic sprinkler												
23	Still	4 45 p m	2d and Park av						False												
24	76	5 44 p m	Rear 1111 Biddle st	2	Frame	A. Krausse	Owner	Store Room	Unknown												

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

JULY, 1896.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
25	Still	7:30 a m	3416 Bernard st	2	Frame and Iron	St. Louis Hay Exchange	Owner	Hay Warehouse	Escaping steam												
25	216	5:53 p m	Rear 1424 N. Jefferson av	1	Frame	F. F. Herselet	Owner	Stable	Incendiary	[illegible]						$50		$50			
25	[illegible]	[illegible] p m	Rear [illegible] N. 24th st	1	Brick	Mrs. Johana Pierce	Owner	Dwelling	From the above	1,400			$1,250			84		84	$84		$84
25	[illegible]	[illegible] p m	Rear 1425 N. 24th st	1	Frame	Mrs. Johana Pierce	Owner	Kitchen	From the above												
26	519	2:07 p m	1557 S. Jefferson av	2	Brick	Eugene Williams	H. H. Rieman	Flower Store	Unknown		$700			$500			[illegible]	[illegible]		[illegible]	[illegible]
26	49	3:55 p m	1303½ Chestnut st	2	Brick	Jno. O'Fallon	G. A. Fredrickson	Restaurant	Gasoline stove												
27	Still	11:57 a m	Spruce, bet. Broadway and 6th st	2	Brick		Vacant		Sparks falling on roof	[illegible]											
27	[illegible]	12:31 p m	[illegible] Pine st	3	Brick	D. K. Ferguson	Ratsach Dyeing Co.	Dyeing and Cleaning Est	Explo. chemicals	[illegible]			3,182			[illegible]		[illegible]	[illegible]		[illegible]
27	[illegible]	12:31 p m	[illegible] Pine st	3	Brick	Nichols-Ritter, Agent			From the above	4,000			3,483			37		37	37		37
27	513	[illegible] p m	4257 Clay av	2	Frame	John Strus	Owner	Dwelling	Gasoline stove												
27	Still	5:35 p m	N. W. Cor. 22d and Morgan sts	1	Frame	Kaime Bros., Agents	M. Smith	Coal Shed	Unknown												
28	Still	6:55 p m	111 S. Broadway			Olympic Theater Co	S. Giesecke	Brush Factory	Boiling over gluepot												
28	5214	11:55 p m	1425 Arlington av	2	Brick	Mrs. Weston	T. O'Meara	Dwelling	Gasoline stove												
28	769	4:07 p m	4337 Hunt av	1	Brick	Patk. Quinn	Owner	Dwelling	Children and matches												
28	Still	10:20 p m	Wharf and Madison st		Frame	Farmer's Grain Elevator Co.	Owner	Grain Elevator	Auto. Spk'l let go												
28	343	11:10 p m	S. E. Cor. 10th and Howard sts	2	Brick	Crescent Fur. & L. Co	Owner	Furniture Factory	Unknown												
[illegible]	24	[illegible] p m	S. E. Cor. 10th and Howard sts	3	Brick	Crescent Fur. & L. Co	Owner	Furniture Factory	Second alarm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible] a m	[illegible] Sidney st	3	Brick	A. [illegible]	F. Roesberg	Dwelling	Gasoline stove												
29	[illegible]	11:42 a m	[illegible] S. Ewing av	2	Frame	Terry & Son, Agents	Tenants, col	Dwelling	Cooking stove	500	300	800	300			18	5	23	18		18
29	[illegible]	[illegible] p m	False alarm						False												
30	721	10:28 a m	3738 Manchester av	1	Brick and Frame	Donk Bros	Rosana Acklin	Dwelling	Stove pipe too near wood												
30	921	4:45 p m	1703 S. Third st	2	Brick	M. Wittemore	Mrs. Hicks	Dwelling	Gasoline stove												
30	774	4:56 p m	1433 Kentucky av	1	Frame	Thos. Walsh	Owner	Dwelling	Unknown	800	600	1,400	700	500	1,200	32	56	88	32	56	88
30	91	5:36 p m	Levee, foot of Valentine st		Wagon	St. Louis Trans. Co		Wagon	Sparks from locomotive												
30	5218	8:10 p m	5654 Cote Brilliante av	2	Brick	Mrs. Hemstach	Owner	Grocery and Dwelling	Gasoline can explosion	2,500			2,000			60		60	60		60
31	155	1:54 p m	24 S. 9th st	3	Brick	Oscar Reid	Vacant	Grocery and Dwelling	Carelessness of boy												
			Box Alarms, 75. Stills, 32. Total, 107, of which 9 were false.							$219,625	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

AUGUST, 1896.

Date.	Box.	Time.	Location.	No. of Stories.	Material.	Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	856	5:07 a m	3260 N. 13th st	2	Brick	Aug. Meyer	N. St. Louis Liederkranz	Meeting Hall	Dropping lighted cigar	4,500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	964	9:13 a m	1441 St. Ange av	1	Frame	Val. Hale	John Wittig	Coal Shed	Unknown	75						[illegible]	[illegible]	[illegible]			
1	7143	12:23 p m	6005 Old Manchester rd	1	Frame	Michael Quenenan	Owner	Stable	Children and matches	150	[illegible]	[illegible]				[illegible]		[illegible]			
1	626	2:02 p m	Rear 2139 S. Jefferson av	1	Frame	Fred Vondach	Tenants	Coal Shed	Spontaneous combustion	50						[illegible]		[illegible]			
1	626	2:02 p m	Rear 2135 S. Jefferson av	1	Frame	Mrs. P. O'Kane	Owner	Coal Shed	From the above	50						[illegible]		[illegible]			
1	626	2:02 p m	Rear 2137 S. Jefferson av	1	Frame	Mrs. P. O'Kane	Owner	Coal Shed	From the above	50						[illegible]		[illegible]			
1	626	2:02 p m	Rear 2141 S. Jefferson av	1	Frame	Jefferson Av. Baptist Church	Owner	Coal Shed	From the above	50						[illegible]		[illegible]			
2	Still	6:55 p m	109 N. Seventh st	1	Brick	J. Mayers	Wm. Weintrant	Grocery Store	Gasoline stove												
3	249	12:51 a m	1901 Locust st	2	Brick	John Neiner & Co	Owner and E. Stube	Carriage Factory and Saloon	Unknown	5,000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,207	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	2nd	12:59 a m	1901 Locust st	2	Brick		Owner and E. Stube	Carriage Factory and Saloon	2nd alarm												
3	49	1:36 a m	S. E. cor. Pine and 14th sts						Lighted cigarette												
3	5123	12:16 p m	5028 Minerva av						Smoke from flue												
4	Still	1:45 p m	Rear [illegible] Wash st	2	Brick	M. [illegible]	Vacant		Unknown												
4	923	4:08 p m	2111 Bismark av	2	Brick	Robt. Paulius	Wm. Glockner	Tailor Shop	Gasoline and matches												
5	5116	3:03 a m	4251 Washington av	1	Frame	S. W. Elliott	Owner	Coal Shed	Unknown	150			100			85		85	[illegible]		[illegible]
5	5116	3:03 a m	4253 Washington av	1	Frame	Levy Stern	Owner	Coal Shed	From the above	[illegible]											
5	327	3:25 a m	2819 Locust st	2	Stone Front	F. Witte	A. H. Carroll	Boarding House	Unknown				[illegible]			[illegible]		[illegible]	[illegible]		
5	Still	[illegible] a m	Salena and Miami sts		Brick	Home Brewing Co	Owner	Pitch Furnace	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible] p m	N. E. cor. 2nd and Destrehan sts	1 & 2	Brick	Buck Stove and Range Co	Owner	Engine and Boiler House	Unknown	6,000	8,000	14,000	6,000	6,000	12,000	200	500	700	200	500	700
5	589	9:33 p m	Taylor and Ashland		No loss				Electric wire												
6	Still	1:10 a m	2032 Wash st	2	Frame	Wm. C. Hanks	Martini Furn. Co	Warehouse	Unknown	1,200	3,600	4,800	1,000	3,000	4,000	140	1,000	1,140	140	1,000	1,140
6	936	8:10 a m	S. W. cor. 2nd and Dorcas sts		No loss				Burning rubbish												
6	Still	9:25 p m	S. E. cor. 10th and Howard sts	2	Brick	Crescent Fur. Co.	Owner	Furniture Factory	Sparks from chimney												
6	Still	3:20 p m	1214 Wash st	3	Brick	Mary A. Nolte	Lottie Graves	Dwelling	Unknown	[illegible]	[illegible]	4,400	3,000			20	8	28	20	8	28
6	Still	10:30 p m	False Alarm						False												
6	122	7:45 p m	914 Franklin av	3	Brick	Wm. F. Laurman, Trustee	Thos. Potaski	Dwelling	Unknown												
6	677	9:10 p m	3213 Eads av	2	Brick	Alice E. Grimm	Owner	Dwelling	Unknown		600			500			80	80		80	80
8	324	12:05 p m	1213 Garrison av	1	Frame	Mrs. Shoeps	Owner	Coal Shed	Unknown	4,000	1,000	5,000	3,500			100	50	150	100		100
8	391	5:40 p m	2827 Lucas av		Ash Pit	J. S. Blake, Agt	Mrs. Lines	Ash Pit	Unknown	50						5		5			
8	863	8:59 p m	3954 N. 20th st	1	Brick	C. C. Crone	A. T. Briggs	Dwelling	Gas jet and lace curtain												
8	75	9:55 p m	12th and Spruce sts	2	Brick	Phoenix Planing Mill Co.	Owner	Planing Mill	Spontaneous combustion												
9	969	8:45 a m	1883 S. 12th st	2	Brick	Wm. Bozdeen	Owner	Saloon and Dwelling	Children and lighted candle												
9	Still	10:25 a m	1115 Clark av	2	Brick	John Jacobson	Owner	Saloon and Dwelling	Unknown												
9	Still	3:20 a m	N. E. cor Wharf and Madison sts		Elevator	Farmers El. Co.	Owner	Grain Elevator	Automatic Spkl. bell let go												
10	29	10:02 a m	510-12 Franklin av	[illegible]	Brick	J. Klein and J. Tiffany, Trustee	Thos. Hodson	Dry Goods Store	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2nd	[illegible] a m	510-12 Franklin av		Brick	J. Klein and J. Tiffany, Trustee	Thos. Hodson	Dry Goods Store	2d alarm												
10	[illegible]	[illegible] a m	[illegible] Missouri av	2	Brick	Mrs. [illegible]	Philip Zimmermann	Bakery	Unknown	2,000	1,000	3,000	1,500			75	125	200	75		75
10	413	9:10 p m	Robert av. and Broadway		Brick Yard				Coal oil lamp explosion												
10	5436	9:20 p m	3307 and 3307½ Semple av	2	Frame	Jamison and Mills	Owner	Dwelling	Unknown	[illegible]											
10	5436	9:20 p m	3309 Semple av	2	Frame	John Givens	Owner	Dwelling	From the above	[illegible]											
11	[illegible]	[illegible] a m	[illegible] Chestnut st	2	Stone Front	W. J. Kinsella	Tenants	Dwelling	Gasoline												
11	[illegible]	[illegible] a m	622 Chouteau av	1 & 2	Brick	Rosie Goldberg	Grand Laundry	Office	Electric light wire	700	125	825	600	100	700	184	94	279	185	94	279
11	15	8:54 a m	717 Wash st	2	Brick	Mrs. Ryan	St. Louis Cap Mfg. Co	Factory	Gasoline stove		2,500			1,500			25	25		25	25
11	352	10:10 a m	Rear 1423 Clinton st		Yard				Gasoline stove												
11	Still	11:00 a m	1005 N. 10th st	2	Brick	Meagher and Nagle, Agents	Susan Robinson	Dwelling	Unknown												
11	[illegible]	[illegible] p m	Lynch and Ohio		Quarry			Quarry	Burning rubbish												
11	292	8:06 p m	2006 Biddle st						Coal oil lamp explosion	300			250								
12	53	4:10 a m	25 S. 15th st	2	Brick	Chas. Mueller	Mrs. E. Schilling	Grocery	Unknown	2,500	400	[illegible]	[illegible]	200	2,200	15		15	15		15
12	53	4:10 a m	25 S. 15th st		2nd Story	Chas. Mueller	J. W. Reinhardt	Stair Factory	Same fire		2,950			2,050		294	328	622	294	328	622
12	572	12:23 p m	5043 Morgan st	2	Frame	F. Kohlmeyer	Owner	Carpenter Shop	Fire in yard heating tar								268	268		268	268
12	192	8:02 p m	Rear 2731 Pine st	1	Brick	Mrs. Griffith	R. B. Houghton	Stable	Unknown	500			350								
13	61	3:22 a m	1005 Market st	3	Stone Front	Cornet and Zeibig, Agents	Walker White Lead Co.	Paint Shop	Unknown	6,000	1,200	7,200	5,000	1,000	6,000	25		25	25		25
13	431	1:05 p m	218 Catalan st		No loss				Gasoline stove												
14	51	4:21 a m	308 N. 12th st	1	Frame	H. Mueller	Quinlan and Houston	Carpenter Shop and Paint Shop	Unknown							360	448	798	360	438	[illegible]
14	[illegible]	[illegible] p m	False Alarm						False												
14	[illegible]	[illegible] p m	[illegible] N. Broadway	2	Brick	Mrs. [illegible]	Owner	Millinery Store	Lighted cigar	[illegible]		[illegible]					[illegible]	[illegible]			
14	Still	7:58 p m	3029 Washington av	2	Stone Front	Nichols-Ritter, Agents	J. B. Morris	Dwelling	Gas jet and curtain		2,500			2,000			25	25		25	25
14	Still	9:57 p m	S. E. cor. 11th and Carr sts	5	Brick	Peter H. Mellon	Owner	Bed Spring Factory	Overheated stove pipes	17,000	24,000	41,000	17,000	22,000	39,000	20	5	25	20	5	25
15	622	1:01 p m	3120 Lafayette av	2	Brick	J. M. Franciscus	Owner	Dwelling	Defective flue	12,000			10,000			25		25	25		25
15	24	10:17 p m	1422 Morgan st	3	Brick	Adam Boeck, Agent	Mrs. W. C. Alexander	Furnished Room House	Matches												
15	21	11:37 p m	1237-1237½ Franklin av	3	Brick	H. T. Wilde	H. Dallmeyer	Dry Goods Store	Struck by lightning	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	743	[illegible] a m	[illegible] Delor st	2	Frame	Christian Steffans	Owner	Stable	Struck by lightning				[illegible]			[illegible]					
16	[illegible]	[illegible] a m	Goodfellow av. and Bircher rd	2	Frame	Chas. Schulte	Owner	Shed and Kitchen	Struck by lightning	1,200								100	100		100
17	233	2:37 a m	2515 Morgan st	4	Brick	J. Murphy	Owner	Pork House	Lighted candle				1,000			800		800	800		800
17	Still	11:15 a m	Rear 1540 Grand av		Rubbish				Burning rubbish												

396-97.

N.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$150						$50		$50			
	1,400			$1,250			84		84	$84		$84
		$700			$600			$75	75		$75	75
of	2,000						5		5			
	4,000			3,482			275		275	275		275
	4,000			3,483			37		37	37		37
t.												
es												
	3,000	45,000	$48,000	2,276	39,310	$41,586	765	13,875	14,640	765	13,875	14,640
	500	300	800	300			18	5	23	18		18
wood												
	800	600	1,400	700	500	1,200	32	56	88	32	56	88
tive												
ion	2,500			2,000			60		60	60		60
	$219,625	$203,750	$423,375	$182,741	$187,060	$369,801	$72,960	$37,837	$110,797	$71,880	$37,162	$107,042
gar	4,500	400	4,900	3,500	300	3,800	130	15	145	130	15	145
	75						10		10			
es.	150	100	250				75	15	90			
stion.	50						25		25			
	50						25		25			
	50						15		15			
	50						5		5			
	5,000	4,000	9,000	4,500	3,300	7,800	2,207	2,200	4,407	2,207	2,200	4,407
es												
	150			100			85		85	85		85
	400			300			12		12	12		12
	10,000	2,500	12,500	8,261	2,000	10,261	2,900	881	3,781	2,900	881	3,781
	6,000	8,000	14,000	6,000	6,000	12,000	200	500	700	200	500	700
	1,200	3,600	4,800	1,000	3,000	4,000	140	1,000	1,140	140	1,000	1,140
	3,600	800	4,400	3,000			20	8	28	20	8	28
		600			500			80	80		80	80
	4,000	1,000	5,000	3,500			100	50	150	100		100
	50						5		5			
	12,000	54,000	66,000	10,000	44,500	54,500	1,075	15,610	16,685	1,075	15,610	16,685
	2,000	1,000	3,000	1,500			75	125	200	75		75
ion .												
	1,000						500		500			
	1,000						500		500			
	700	125	825	600	100	700	184	94	279	185	94	279
		2,900			1,590			25	25		25	25
	300			250			15		15	15		15
	2,500	400	2,900	2,000	200	2,200	294	328	622	294	328	622
		2,950			2,950			268	268		268	268
	500			350			25		25	25		25
	6,000	1,200	7,200	5,000	1,000	6,000	360	448	798	360	438	798
	500	175	675				60	40	100			
		2,500			2,000			25	25		25	25
pes..	17,000	24,000	41,000	17,000	22,000	39,000	20	5	25	20	5	25
	12,000			10,000			25		25	25		25
	12,000	15,000	27,000	11,000	12,000	23,000	661	547	1,208	661	547	1,208
	175			140			100		100	100		100
	1,200			1,000			800		800	800		800

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$13,000			$11,676			$42		$42	$42		$42
		$1,000			$850			$15	15		$15	15
	500	200	$700				50	15	65			
	50						5		5			
	1,800	500	2,300				50	10	60			
	150			100			66		66	66		66
	25	10	35				10	5	15			
		700			500			216	216		216	216
	1,200			1,000			26		26	26		26
	12,000	1,800	13,800	10,000	1,500	$11,500	126	20	146	126	20	146
	10,000						25		25			
	25						5		5			
	1,600			1,459			82		82	82		82
	12,000	1,200	13,200	11,500	1,000	12,500	516	23	539	516	23	539
	100						25		25			
		1,500						10	10			
		500						10	10			
	300	200	500				50	40	90			
	50						5		5			
	175			150			145		145	145		145
	400						25		25			
	500						30		30			
	150			150			48		48	48		48
	175			150			8		8	8		8
	500						25		25			
	800			500			48		48	48		48
	1,400			1,200			90		90	90		90
		700			600			42	42		42	42
		600			500			11	11		11	11
	150	200	350				75	100	175			
	50						20		20			
	5,000			4,500			120		120	120		120
	800						20		20			
	3,500	800	4,300	3,000			25	5	30	25		25
	1,600			1,500			44		44	44		44
	1,000			800			20		20	20		20
	$173,400	$134,260	$308,710	$126,677	$106,300	$232,977	$12,475	$22,776	$35,251	$10,835	$22,343	$33,178

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	150						100		100			
	250			130			200		200	130		130
	6,000			5,000			87		87	87		87
	4,000	800	4,300	3,000			46	10	56	46		46
	75						15		15			
	150	60	210	50			10	60	70	10		10
l oil.	9,000	900	9,900	8,000			50	10	60	50		50
	3,000	350	3,350	2,800			122	30	152	122		122
	4,500	1,200	5,700	3,893	1,100	4,993	667	600	1,267	667	600	1,267
	10,000			5,000			2,387		2,387	2,387		2,387

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

AUGUST, 1896.—Continued.

DATE.	BOX.	TIME.	LOCATION.	CLASS OF BUILDING.		OWNER.	OCCUPANT.	FOR WHAT PURPOSE USED.	ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
17	8123	1:41 p m	S. E. Cor. 2d and Adelaide avs	1	Brick and Frame	P. B. Mathiason Mfg. Co	Owner	Broom Factory	Friction of machinery	$13,000			$11,676			$42		$42	$42		$42
18	5115	12:29 p m	Rear 3912 Evans av	1	Frame	J. J. Doellinecke	Owner	Kitchen	Gasoline stove		$1,000			$850			$15	15		$15	15
18	843	12:46 a m	S. E. Cor. 2d and Destrehan sts	1	Fr. Metal Clad	St. Louis Stamping Co	Owner	Carpenter Shop	Unknown	500	200	$700				50	15	65			
19	Still	5:16 a m	Rear 3421 Chestnut st		Shed	J. I. Martin	Owner	Wood and Coal	Hot ashes	50						5		5			
19	49	8:57 a m	103 N. 13th st	2	Brick	Sarah Larkin	H. Wilson, Agent	Dwelling	Unknown	1,800	500	2,300				50	10	60			
19	Still	9:30 a m	309 Rutger st	3	Brick	H. Stoffregan	Jno. Becker	Grocery and Dwelling	Gasoline stove												
19	576	10:25 p m	Rear 1910-12 Obear av		Sheds	Duffy and Remmers	Tenants	Wood and Coal	Hot ashes	150			100			66		66	66		66
20	24	12:14 a m	14th and Lucas av		Lunch Stand	White (col.)	Owner	Lunch Stand	Gasoline stove	25	10	35				10	5	15			
20	613	1:03 p m	3212 Rutger st	2	Brick	Keely & Co., Agents	Jno. Shaughnessey	Dwelling	Hot irons		700			500			216	216		216	216
20	Still	3:32 p m	Bet. Biddle and Carr, 13th and High sts	2	Brick	Dr. Schwartz	Tenants	Tenement	Unknown	1,200			1,000			26		26	26		26
20	Still	6:00 p m	821 N. 7th st	1	Frame		Mr. Abrahams	Carpenter Shop	Unknown												
21	158	1:48 a m	408 Washington av	3	Brick	Henry Anthony	R. H. Beckley	Restaurant	Unknown	12,000	1,800	13,800	10,000	1,500	$11,500	126	20	146	126	20	146
21	965	2:06 a m	S. S. Carroll, bet. 10th and Menard sts	3	Brick	City of St. Louis	Owner	Public School	Unknown	10,000						25		25			
21	Still	7:19 p m	Unnecessary Alarm						Smoke from heater												
21	Still	11:25 p m	Unnecessary Alarm						Defective Spkler												
22	52	2:01 a m	S. E. Cor. 14th and Pine sts		Lunch Stand			Lunch Stand	Unknown	25						5		5			
22	549	5:10 a m	2623 Belle Glade av	1	Frame	Anton Strupel	Owner	Grocery and Dwelling	Coal oil lamp explosion	1,600			1,450			82		82	82		82
22	Still	12:10 p m	416 Lami st	2	Brick	Fred. Wagner	Owner	Dwelling	Sparks from boiler stack												
22	335	4:04 p m	Foot of Tyler st		Brick	Vornbrock Furn. Co	Owner	Shaving Vault	Sparks from furnace												
23	349	12:09 a m	Unnecessary Alarm						Smoke from baker's oven												
23	283	11:28 a m	3027 Madison st	2	Brick	Mrs. Westerman	Owner	Dwelling	Unknown												
23	558	4:29 p m	4255 DeSoto av	2	Frame	Dan'l Nolan	Owner	Dwelling	Balloon falling on roof												
24	318	2:13 a m	Rear 2337 Division st	1	Frame	Mrs. Mary Dierheimer	Old and dilapidated	Dwelling	Unknown												
24	317	10:06 a m	2 N. Jefferson av	2	Brick	F. N. Judson	N. L. Nascupelli	Restaurant	Gasoline stove	12,000	1,200	13,200	11,500	1,000	12,500	516	23	539	516	23	539
24	317	10:06 a m	Rear 2357-2359 Market st		Same Building	F. N. Judson	Tenants	Dwelling	From the above												
24	769	5:40 p m	Rear 4241 Vista av		Shed	M. McCaffrey	Owner	Wood and Coal	Spontaneous combustion												
24	252	9:15 p m	1003 Morgan st		No loss				Coil oil lamp explosion												
25	Still	8:05 p m	2700 Clark av	2	Brick	J. Davis	M. Wiley	Dwelling	Unknown												
25	199	8:25 p m	414 S. 11th st	1	Brick	Terminal R. R. Assn	Unoccupied and dilapidated		Unknown	100						25		25			
26	5163	7:28 a m	3889 Washington av	2	Brick	Geo. P. Cook	Mrs. Amanda Drummond	Dwelling	Children and matches		1,500						10	10			
26	Still	9:53 a m	1200 N. Market st	2	Brick	Mrs. McHenry	Mr. Heffernan	Dwelling	Gasoline stove												
26	155	4:04 p m	27 S. 8th st		Awning	E. N. Towns	Owner	Awning	Dropping light												
26	15	8:08 p m	Rear 922 N. 8th st		No loss				Gasoline stove												
26	62	9:24 p m	900 Market st	3	Brick	Noonan & Co., Agents	Tenants (col.)	Tenement	Lighted match		500						10	10			
27	169	10:56 a m	314 Cedar st	1	Frame	City of St. Louis	Jacob Meyer	Shoemaker's Shop and Dwelling	Gasoline stove	300	200	500				50	40	90			
27	Still	3:18 p m	Unnecessary Alarm						Testing Spklr												
27	Still	2:30 p m	Rear 1529 N. 16th st		Shed	Jno. Nash	Owner	Wood and Coal	Burning rubbish	50						5		5			
27	292	5:39 p m	Rear 2017 Carr st	2	Frame	P. J. Manion, Jr	Mr. Simpson (col.)	Stable	Unknown	175			150			145		145	145		145
27	292	5:39 p m	Rear 2019 Carr st	2	Frame	Jul. Leon	Jno. Emmerson	Stable	From the above	400						25		25			
27	292	5:39 p m	2021 Carr st	2	Frame	P. Craden	Owner	Stable	From the above	500						30		30			
27	292	5:39 p m	2015 Carr st		Shed	P. J. Manion, Jr	Tenant	Wood and Coal	From the above	150			150			48		48	48		48
27	292	5:39 p m	2013 Carr st		Shed and Stable	P. J. Manion, Jr	Ed. O'Brien	Stable and Shed	From the above	175			150			8		8	8		8
27	292	5:39 p m	2011 Carr st	2	Frame	John Bowers	Owner	Stable	From the above	500						25		25			
27	292	5:39 p m	2018 Biddle st	2	Brick	Cornet and Zeibig, Agents	Tenants (col.)	Tenement	From the above	800			500			48		48	48		48
27	292	5:39 p m	2016 Biddle st	2	Frame	R. Brown	Owner	Stable	From the above	1,400			1,200			90		90	90		90
27	321	7:22 p m	2831a Laclede av	2	Brick	Chas. Phuener	J. W. Arthur (col.)	Dwelling	Coal oil lamp upset		700			600			42	42		42	42
27	64	7:42 p m	205 S. Main st		No loss				Coal oil lamp explosion												
27	584	8:39 p m	3745 Evans av	2	Brick	Mr. McCormick	Mrs. Harvey	Dwelling	Gasoline stove		600			500			11	11		11	11
27	Still	8:50 p m	2725 N. 12th st	2	Brick	Mr. Beser	Mr. Foartrader	Dwelling	Gasoline stove												
28	381	11:04 a m	Rear 1220 Park av		Shed			Wood and Coal	Set by children												
28	Still	2:10 p m	N. E. cor. 2d and Chambers sts	5	Brick	Mound Coffin Co	Owners	Manufacturing Co	Automatic Spkl. let go												
28	144	4:12 p m	23 S. 6th st	2	Brick	Wiseman, Agent	J. J. Gansz	Restaurant	Ignition of grease												
28	799	4:29 p m	Rear 5239 Shaw av	1	Frame	Chris. Thoeni	Owner	Stable	Children at play	150	200	350				75	100	175			
28	799	4:29 p m	Rear 5235-7 Shaw av		Shed	Dr. Ramie	Tenant	Wood and Coal	From the above	50						20		20			
28	38	4:38 p m	305 Market st	3	Brick	E. G. Meyer	Mrs. Stuart	Room (sleeping)	Hot iron												
28	34	7:44 p m	Foot of Locust st		R. R. Ties				Sparks from locomotive												
28	252	11:56 p m	Rear 1603 Wash st	2	Brick	G. H. Otto	Owner	Stable and Wash Room	Unknown	5,000			4,500			120		120	120		120
29	55	11:21 a m	422-4 Wash st	1	Frame	Wm. Schrader, Est	F. Appelgren	Sugar and Coloring Works	Sparks from chimney	800						20		20			
29	Still	11:30 p m	1006 to 1012 Collins st		Brick	Globe Pickle Co	Owner	Boiler Room	Unknown												
30	374	10:54 a m	2620 N. 22d st	2	Brick	F. H. Schlingmann	Mr. Becker	Dwelling	Gasoline stove	3,500	800	4,300	3,000			25	5	30	25		25
30	9116	5:35 p m	Unnecessary alarm						Fumigating sulphur												
30	147	6:09 p m	311 Gratiot st		No loss				Dropping lighted match												
31	169	4:05 p m	716 S. 2d st	2	Brick	St.Louis Ice Mfg. Co. & Cold Stor. Co.	Owners	Storage of Old Material	Sparks from locomotive	1,600			1,500			44		44	44		44
31	189	8:17 p m	Rear 3016 Manchester av		No loss				Burning rubbish												
31	155	8:29 p m	816 Market st	2	Brick	Jno. Maguire, Agent	Tenants (col.)	Restaurant	Coal oil lamp explosion	1,000			800			20		20	20		20
						Box Alarms, 90. Stills, 37. Total, 129, of which 2 were false.				$173,400	$134,260	$308,710	$126,677	$106,300	$232,977	$12,475	$22,776	$35,251	$10,835	$22,343	$33,178

SEPTEMBER, 1896.

DATE.	BOX.	TIME.	LOCATION.	No. of Stories.	Material.	OWNER.	OCCUPANT.	FOR WHAT PURPOSE USED.	ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	39	1:17 p m	124 N. 3d st	4	Brick	Moffitt & Co., Agts	Tenants	Tenement	Unknown												
1	Still	1:30 p m	1231 Old Manchester rd		Shed	Henry Bishoff	Vacant	Coal Shed	Hot ashes												
1	38	7:40 p m	Bet. Market and Walnut and 3d and 4th sts	2	Brick		Italian Tenants	Tenement	Gasoline stove												
2	245	1:38 a m	Rear 1412-14-16 N. 16th st		Shed	Mrs. F. J. Stell	Owners and Tenants	Wood and Coal	Hot ashes	150						100		100			
2	Still	7:15 a m	1016 N. High st	2	Brick	M. Mertel	Chas. Golden	Tailor Shop and Dwelling	Gasoline stove												
2	567	9.55 a m	N. of Nat. Bridge rd		Frame	H. B. Shilling		Dancing Pavilion	Set by boys	250			130			200		200	130		130
2	Still	12:46 p m	216 Locust st	3	Brick	Farrar & Tate, Agts	Central Brass Foundry	Store and Foundry	Sparks from smoke stack	6,000			5,000			87		87	87		87
2	Still	3:00 p m	19th and Newhouse av		Dump			Manure Dump	Set by boys												
2	713	3:01 p m	Rear 3970 Gratiot st		Rubbish				Set by boys												
3	Still	2:32 a m	722 Soulard st	2	Brick	M. Westerman	J. Dunn	Dwelling	Unknown	4,000	300	4,300	3,000			46	10	56	46		46
3	253	3:13 p m	1814 Morgan st	2	Brick	Barado & Ghio, Agts	F. Branditz	Furnished Rooms	Gasoline stove explosion												
4	62	2:58 a m	Rear 10[illegible] N. 8th st		Ash Pit	Noonan & Co., Agts	Tenants	Ash Pit	Unknown												
4	Still	11:40 a m	Rear 3[illegible]77 Easton av	2	Brick	Mrs. Meyers	J. Fisher	Grocery	Bucket boiling tar												
4	Still	3:13 p m	Rear 1018-20 Mississippi av		Sheds	Mrs. Schnaider	Tenants	Wood and Coal	Set by children	75						15		15			
4	Still	5:17 p m	1412 S. 7th st	3	Stone Front	Mrs. R. Herlein	Wm. Lasher	Dwelling	Gasoline stove explosion												
4	774	6:10 p m	Rear 1133-35 Kentucky av	2	Frame	Wm. Daman	Hy. Schwedtmann	Stable	Struck by lightning	150	60	210	50			10	60	70	10		10
5	581	10:27 a m	1808 N. Taylor av	2	Brick	J. W. Stewart R. E. Co	Mrs. Shields	Dwelling	Dropping lighted match in coal oil	9,000	900	9,900	8,000			50	10	60	50		50
5	591	11.17 a m	Unnecessary Alarm						Burning out chimney												
5	857	5:12 p m	3821-3 N. 23d st	2	Frame	Julius Lehman	N. St. Louis Furniture Co	Office and Factory	Unknown												
5	313	8:41 p m	Unnecessary Alarm						Pan of grease burning												
6	969	1:57 a m	1865 S. 12th st	2	Brick	Mrs. Sheringhauser	Geo. Minch and F. Dremeyer	Dwelling	Unknown	3,000	350	3,350	2,800			122	30	152	122		122
6	966	3:13 a m	Rear 1842 S. 11th st	2	Brick	Sno. and Louisa Reis	Jno. Reis	Bakery	Bake oven	4,500	1,200	5,700	3,893	1,100	4,993	667	600	1,267	667	600	1,267
6	176	6:03 a m	False Alarm						False												
6	176	6:21 a m	False Alarm						False												
6	883	1:43 p m	Foot of Salisbury st		Lumber Yard	Knapp, Stout & Co	Owners	Lumber Yard	Unknown	10,000			5,000			2,387		2,387	2,387		2,387
6	954	1:46 p m	18th and Cherokee sts		Shavings			Vacant Lot	Set by boys												

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

SEPTEMBER, 1896.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For What Purpose Used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
6	332	4:18 p m	1240 N. Broadway	3	Brick	Moffitt & Co., Agents	Tenants	Tenement	Unknown												
7	744	8:08 a m	4322 Gravois av	1½	Brick	F. Breuer	Owner	Dwelling	Sparks from chimney	$1,800			$1,500			$70		$70	$70		$70
7	515	11:12 a m	Unnecessary Alarm						Burning rubbish												
7	Still	3:20 p m	Levee and Pine sts		El. R. R.	El. R. R. Co.		Ties on Track	Sparks from locomotive												
9	5154	10:11 a m	4228 Westminster place	2	Stone Front	N. R. Wall	Owner	Dwelling	Electric light wire	8,500	$2,500	$11,000	7,000	$2,000	$9,000	2,000	$1,800	3,800	2,000	$1,800	3,800
9	359	3:46 p m	3302½ Olive st	2	Brick	Hy. Roth	Jas. Walker	Cleaning and Dyeing Estab.	Careless use of gasoline	2,500	200	2,700	2,000			42	15	57	42		42
9	Still	5:50 p m	1010 N. Market st	2	Brick		Vacant	Dwelling	Unknown												
9	5118	10:33 p m	Rear 4351 Lindell boul	1	Brick	H. N. Marx	Owner	Wood and Coal	Electric wire	1,500			1,200			253		253	253		253
9	5118	10:33 p m	Rear 4359 Lindell boul	1	Brick	Mrs. Geo. Walker	Owner	Stable	From the above												
10	599	12:57 a m	5364 Easton av	2	Frame	Polar Wave Ice Co.	Owner	Ice House	Unknown	5,000	1,000	6,000	4,000			4,000	500	4,500	3,600		3,600
10	2nd	1:14 a m							2d alarm												
10	5155	12:41 p m	Rear 4258 Morgan st		Shed	A. F. Parker	Owner	Wood and Coal	Hot ashes	75						50		50			
10	612	2:32 p m	Rear 3502 Chouteau av		Shed	J. Fox	Owner	Wood and Coal	Unknown	6,000			5,000			80		80	80		80
11	678	9:33 p m	Rear 2903 Hickory st	1	Frame	Jacob Seifred	Owner	Smoke House	Meat drippings	2,500	30	2,530	2,000			20	20	40	20		20
11	Still	10:24 a m	2327 Market st	3	Brick		Mrs. McCue	Dwelling	Gasoline stove												
11	522	2:34 p m	Rear 3829 Windsor pl		Ash Pit	Jno. W. Reinhardt	Tenants	Ash Pit	Hot ashes	100						5		5			
11	Still	3:03 p m	N. W. cor. Wharf and Madison st		No Fire				False automatic alarm												
11	195	5:07 p m	611 N. 12th st	3	Brick	F. Collins	Owner	Hotel	Unknown	4,000	2,000	6,000	3,500	1,000	4,500	15	5	20	15	5	20
11	446	7:05 p m	7102 Michigan av	2	Brick	Hill and Hammel, Agents	Mrs. Hilsensnider	Dwelling	Coal oil lamp												
11	297	7:57 p m	625 O'Fallon st		No loss				Ignition of grease												
11	72	9:56 p m	602 Clark av	3	Brick	Hill and Hammel, Agents	Miss Emma Dean	Female Boarding House	Coal oil lamp	2,000	1,000	3,000	1,500	800	2,300	25	25	47	22	25	47
12	Still	6:48 p m	N. E. cor. Main and Chambers sts		No Fire				Automatic spkl. let go												
12	723	2:42 p m	Grand and Shaw avs		Tel. Pole				Set by boys												
12	544	7:43 p m	False Alarm						False												
13	419	2:36 a m	1615 Blow st	2	Frame	Mrs. Hildebrandt	Mr. Kaiser	Stable	Unknown	225			100			150		150	100		100
13	446	3:13 a m	7103 Minnesota av	2	Brick	Robt. Lowry	Owner	Dwelling	Unknown	1,200	1,000	2,200	1,000	800	1,800	357	700	1,057	357	700	1,057
13	Still	5:30 a m	Rear 2109 Papin st	1	Brick	St. Louis Malleable Iron Co	Champ Spring Co	Oil Vault	Unknown	6,000			5,000			96		96	96		96
13	599	2:14 p m	Rear 6376 Newstead av	1	Frame	Hy. Stenilage	Herman Schulte	Wagon and Shavings Shed	Unknown	100	500	600				75	225	300			
14	Still	9:25 a m	Rear 822 S. 14th st		Shed	Mrs. Degleson	Unused	Wood and Coal	Unknown	1,000			3,500			60		60	60		60
14	522	11:43 a m	1038 N. Vandeventer av	2	Brick	Wainwright and Monroe		Bakery and Dwelling	Gas jet (unprotected)	3,500	1,200	4,700	2,800	1,100	3,900	10	15	25	10	15	25
14	Still	12:35 p m	7616 Minnesota av	2	Brick	Mrs. Duckes	Mrs. Becker	Dwelling	Gasoline stove												
14	181	2:25 p m	920 N. Leonard av	2	Brick	J. Dockery, Agent	Mrs. F. Flatta	Dwelling	Dropping cigarettes												
14	Still	2:50 p m	False Alarm						False												
14	196	4:45 p m	1426–28–30 Washington av	1&2	Brick and Frame	Mrs. M. J. Sweringer	J. O. Chenoweth & Co	Dyeing and Cleaning Establishment.	Spontaneous combustion, supp'd	800			762			18		18	18		18
15	559	2:16 p m	Newstead av. and Bircher rd		Rubbish			Vacant Lot	Burning rubbish												
15	626	7:04 p m	Jefferson and Anne avs		Bonfire				Set by boys												
15	595	11:38 p m	1529 Belle av	1½	Frame	Margaret J. Thompson	Owner	Dwelling	Sparks from chimney	1,200	700	1,900	1,000	500	1,500	321	150	471	321	150	471
16	319	10:45 a m	Rear 2715 Cass av	2	Frame	Stromberg Estate	Williams & Moran	Paint Shop	Unknown	600	1,500	2,100	500	1,300	1,800	400	675	1,075	400	675	1,075
16	319	10:45 a m	Rear 2711 Cass av		Shed	Wm. Hall	Owner	Wood and Coal	From the above	50						5		5			
16	36	5:14 p m	3 North Main st	3	Brick	Giraldin Bros. & Cates, Agts	Punch & Jacobson	Hides, Wool and Furs	Unknown	3,800	6,500	10,300	3,000	8,000	5,000	75	575	650	75	575	650
16	Still	8:40 p m	3730 N. Blair av	2	Brick	C. C. Crone	Mr. Frolich	Dwelling	Burning out chimney												
16	155	10:43 p m	904 Walnut st	2	Brick		Tenants (col.)	Tenement	Coal oil lamp												
16	613	11:17 p m	Rear 3304 Chouteau av	2	Frame	Chas. E. Bass	Owner	Stable	Unknown	500	300	800	125	25	450	312	25	337	312	25	337
16	613	11:17 p m	Rear 3302 Chouteau av		Shed	Teresa Smith	Owner	Wood and Coal	From the above												
17	9117	11:20 a m	718 Lami st	2	Brick	B. J. Gander	Owner	Dwelling	Dropping lighted match	3,000			2,500			15		15	15		15
17	331	10:44 p m	N. W. cor. Washington av. and 6th st		Hotel	Washington Realty Co		Hotel Lindell	Friction of machinery	250,000	25,000	275,000	200,000	20,000	220,000	1,961	261	2,222	1,961	261	2,222
17	2nd								2nd and 3d Alarm												
17	3rd	10:47 p m																			
18	124	3:29 p m	Rear 839 S. 7th st	1	Frame	Hy. Pitcher	Wm. Brewer	Stable	Set by boys	250	100	350				50	10	60			
18	946	5:05 p m	908 Marion st	1	Brick	Mr. Wall	Mr. Walsh	Dwelling	Gasoline stove												
18	233	6:14 p m	Rear 606 N. 23d st		Porch	Alfred Car, Agt	Vacant	Dwelling	Unknown	1,800			1,500			183		183	183		183
18	233	6:14 p m	Rear 2231 Washington av	2	Brick	Alfred Car, Agt	Tenants	Dwelling	From the above	2,500			2,000			30		30	30		30
18	Still	8:50 p m	5350 O'Dele av	2	Frame	Mr. Gorden, Agt	Mrs. Whalen	Dwelling	Children and matches												
18	Still	11:30 p m	3626 N. 14th st	2	Brick	Fr. Huelseman	Owner		Electric wire												
19	274	4:35 p m	N. E. cor. Smith and Lewis sts	3	Brick	Huse & Loomis Ice Co	Owner	Ice House	Unknown												
19	297	11:34 p m	1406 N. 8th st	2	Brick	Mrs. C. Schmidt	Owner	Dwelling	Unknown	1,700	600	2,300	1,500	400	1,900	407	150	557	407	150	557
20	Still	1:10 a m	4191 Washington av	2	Brick	Mrs. H. P. Heath	Owner	Dwelling	Hot ashes												
20	Still	6:44 a m	817 N. 7th st	2	Brick		Brown & Krein	Paper Box Factory	Unknown												
20	674	10:07 a m	Rear 2813 Eads av		Shed	J. H. Walter	Owner	Wood and Coal	Hot ashes	150			100			85		85	85		85
20	674	10:07 a m	Rear 2817 Eads av		Shed	Mrs. M. Stolz	Owner	Wood and Coal	From the above	125			100			16		16	16		16
20	259	11:35 a m	3651 Washington av		No loss				Burning out chimney												
20	59	8:42 p m	1025 N. 18th st	2	Stone Front	Mrs. E. Miller	Owner	Dwelling	Unknown	2,500	2,500	5,000	2,000	2,400	4,400	400	300	700	400	300	700
21	414	2:04 a m	Rear 7914 S. Broadway	2	Frame	Henry Theis	Owner	Stable	Unknown	500	200	700				50	30	80			
21	Still	7:06 a m	819 N. 8th st	2	Brick		Val. Vallorce	Restaurant	Gasoline stove												
21	Still	10:40 a m	4502 N. Broadway	2	Brick	J. Heiser	J. Bryant	Dwelling	Boy and matches	3,000	800	3,800	2,500			15	20	35	15		15
21	Still	9:57 p m	1111 Wash st	2	Brick	J. E. Kaime, Agent	Abraham Lazarus	Dwelling	Gasoline stove												
21	Still	11:25 p m	3938 McPherson av	2	Brick	Mr. Glowlo	W. F. Brenner	Dwelling	Leaking gas pipe												
21	52	10:41 p m	1528 Pine st	3	Brick	Huffman, Est.	Theo. Danen	Saloon and Furnished Rooms	Unknown	5,000			4,000			136		136	136		136
22	418	2:53 p m	514 Kansas st	2	Frame	F. W. Mott	W. E. Chase	Dwelling	Laundry stove	5,000	1,700	6,700	4,000	1,500	5,500	74	100	174	74	100	174
22	Still	3:00 p m	Rear 4019 Delmar av	2	Frame and Shed	J. N. Stegal	Owner	Stable and Coal Shed	Hot ashes	800						150		150			
22	7151	9:04 p m	Rear 5332 Reber pl	1½	Frame	Thos. E. Kaye	Owner	Stable	Set by tramps	1,500			1,500			222		222	222		222
22	7151	9:04 p m	Rear 5329 Odell av		Shed	S. King	Owner	Wood and Coal	From the above	75						5		5			
22	7151	9:04 p m	Rear 5331 Odell av	1	Frame	H. Abrahams	Owner	Stable	From the above												
22	543	9:53 p m	Rear 3885 Washington av		Shed	Mr. Elloid	Unused	Coal Shed	Unslacked lime												
22	381	10:14 p m	Rear 1229 S. 14th st		Shed	R. Ahlendorf	Tenants	Wood and Coal	Unknown	75						15		15			
22	381	10:14 p m	Rear 1229 S. 14th st	2	Brick	R. Ahlendorf	Tenants	Dwelling	From the above	3,000			2,000			124		124	124	124	124
22	381	10:14 p m	Rear 1223 S. 14th st		Shed	Henry Muen	Owner	Wood and Coal	From the above												
22	381	10:14 p m	Rear 1231 S. 14th st		Shed	Jno. Muen	Owner	Wood and Coal	From the above	150						15		15			
23	Still	12:08 a m	Rear 2528 N. 22d st		Ash box				Hot ashes	100						5		5			
23	5163	2:25 a m	Rear 3860 Delmar av		Shed	Mrs. R. Shields	Owner	Wood and Coal	Unknown	6,500			5,200			141		141	141		141
23	5163	2:25 a m	Rear 3858 Delmar av		Shed	H. F. Shapleigh	Owner	Wood and Coal	From the above	6,000			5,000			50		50	50		50
23	5163	2:25 a m	Rear 3856 Delmar av		Shed	Mrs. N. B. Sternberg	Owner	Wood and Coal	From the above	100						10		10			
23	72	2:53 a m	602 Elm st	2	Brick		Minnie White	Female Boarding House	Lighted cigarette	4,000	2,000	6,000	3,500	1,500	5,000	60	150	210	60	150	210
23	Still	8:25 a m	2918 Washington av	2	Stone Front	Mrs. Day	F. M. Gillette	Dwelling	Gas jet												
23	Still	12:25 p m	1257 S. 3d st	3	Brick	Wm. Brock	S. Bay		Overheated stove												
23	15	7:55 p m	421 N. 9th st		Rubbish				Unknown												
23	Still	8:25 p m	412 N. 7th st		Awning	Marx and Lees			Dropping light												
23	379	11:31 p m	Rear 3420 Washington av		Shed	Meyers Bros	Owners	Wood and Coal	Hot ashes	175			150			12		12	12		12
23	512	11:37 p m	Rear 4216 Cook av		Shed	L. Levy	Owners	Wood and Coal	Hot ashes	100						5		5			
24	155	2:24 a m	Rear 1006-8 Market st		Ash box				Hot ashes												
24	415	7:06 a m	Unnecessary Alarm						Escaping steam												
24	571	8:28 a m	5500 Cabanne av	2	Frame	R. A. Campbell	Theo. Gaty	Dwelling	Electric wire	7,000	2,500	9,500	6,000	2,000	8,000	5,000	1,929	6,929	5,000	1,929	6,929
24	Still	9:31 a m	2340 Market st	3	Brick	J. E. Kaime, Agent	Hy. Chosern	Dwelling	Gasoline stove	6,000			5,000			23		23	23		23
24	774	12:19 p m	Rear 1416 Wittenberg av		Shed	Mrs. J. B. Eddy	W. R. Kingdom	Wood and Coal	Set by boys	75			50			40		40	40		40

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N.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
y	$1,800			$1,500			$70		$70	$70		$70
tive												
	8,500	$2,500	$11,000	7,000	$2,000	$9,000	2,000	$1,800	3,800	2,000	$1,800	3,800
line	2,500	200	2,700	2,000			42	15	57	42		42
	1,500			1,200			253		253	253		253
	5,000	1,000	6,000	4,000			4,000	500	4,500	3,600		3,600
	75						50		50			
	6,000			5,000			80		80	80		80
	2,500	30	2,530	2,000			20	20	40	20		20
	100						5		5			
m.												
	4,000	2,000	6,000	3,500	1,000	4,500	15	5	20	15	5	20
	2,000	1,000	3,000	1,500	800	2,300	25	25	47	22	25	47
go.												
	225			100			150		150	100		100
	1,200	1,000	2,200	1,000	800	1,800	357	700	1,057	357	700	1,057
	6,000			5,000			96		96	96		96
	100	500	600				75	225	300			
	4,000			3,500			60		60	60		60
i)	3,500	1,200	4,700	2,800	1,000	3,800	10	15	25	10	15	25
ustion, supp'd	800			762			18		18	18		18
y	1,200	700	1,900	1,000	500	1,500	321	150	471	321	150	471
	600	1,500	2,100	500	1,300	1,800	400	675	1,075	400	675	1,075
	50						5		5			
	3,800	6,500	10,300	3,000	8,000	5,000	75	575	650	75	575	650
y												
	500	300	800	425	25	450	312	25	337	312	25	337
atch	3,000			2,500			15		15	15		15
nery	250,000	25,000	275,000	200,000	20,000	220,000	1,961	261	2,222	1,961	261	2,222
	250	100	350				50	10	60			
	1,800			1,500			183		183	183		183
	2,500			2,000			30		30	30		30
es.												
	1,700	600	2,300	1,500	400	1,900	407	150	557	407	150	557
	150			100			85		85	85		85
	125			100			16		16	16		16
ey												
	2,500	2,500	5,000	2,000	2,400	4,400	400	300	700	400	300	700
	500	200	700				50	30	80			
	3,000	800	3,800	2,500			15	20	35	15		15
	5,000			4,000			136		136	136		136
	5,000	1,700	6,700	4,000	1,500	5,500	74	100	174	74	100	174
	600						150		150			
	1,600			1,500			222		222	222		222
	75						5		5			
	75						15		15			
	3,000			2,000			124		124	124	124	124
	150						15		15			
	100						5		5			
	6,500			5,200			141		141	141		141
	6,000			5,000			50		50	50		50
	100						10		10			
	4,000	2,000	6,000	3,500	1,500	5,000	60	150	210	60	150	210
	175			150			12		12	12		12
	100						5		5			
	7,000	2,500	9,500	6,000	2,000	8,000	5,000	1,929	6,929	5,000	1,929	6,929
	6,000			5,000			23		23	23		23
	75			50			40		40	40		40

-97.

Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
$50			$50			$5		$5	$5		$5
	$750			$500			$202	202		$202	202
800	250	$1,050				600	25	625			
	700			500			7	7		7	7
	1,000						15	15			
3,500	1,500	5,000	4,000	900	$4,900	2,025	1,000	3,025	2,025	900	2,925
75			50			25		25	25		25
3,500	500	4,000		1,000		100	250	350		250	250
1,400	3,500	4,900	1,200	2,500	3,700	800	1,000	1,800	800	1,000	1,800
$413,375	$64,840	$478,315	$328,060	$46,725	$374,785	$24,974	$10,889	$35,863	$23,199	$9,819	$33,018

Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
8,000	1,000	9,000	5,000			125	300	425	125		125
1,000			1,100			143		143	143		143
5,000	4,000	9,000	4,000	3,500	7,500	316	1,500	1,816	316	1,500	1,816
6,000			5,175			147		147	147		147
75											
2,500	200	2,700				5	10	15			
150						75		75			
	600			500			50	50		50	50
	400						200	200			
50			50			50		50	50		50
300			300			15		15	15		15
6,500	3,500	10,000	6,000	3,000	9,000	52	39	91	52	39	91
1,300	500	1,800	1,200	475	1,675	70	6	76	70	6	76
9,000	2,500	11,500	3,500	2,000	5,500	10	31	41	10	31	41
2,100	500	2,600	2,100	500	2,600	1,825	350	2,175	1,825	350	2,175
	200			200			63	63		63	63
	500			500			90	90		90	90
10,120	500	10,620	10,120	500	10,620	39	52	91	39	52	91
6,000						10		10			
6,000			6,000			5		5	5		5
3,000	400	3,400	3,000	400	3,400	10	36	46	10	36	46
9,000	3,000	12,000	9,000	3,000	12,000	80	77	97	80	17	97
1,500	50	1,550	1,500			35	20	55	35		35
3,500	1,200	4,700	3,000	1,130	4,130	668	35	703	668	35	703
1,500	500	2,000	1,500	500	2,000	5	5	10	5	5	10
	800						10	10			
125						50		50			
250	25	275				200	15	215			
2,000			1,500			10		10	10		10
3,600			3,600			76		76	76		76
250	150	400		150		10	92	102		92	92
2,100	250	2,350		2,100		8	5	13	8		8
1,800						1,000		1,000			
750	200	950	350	200	550	275	55	330	275	55	330
250						15		15			

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

SEPTEMBER, 1896.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For what Purpose Used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
24	774	12:19 p m	Rear 1418 Wittenberg av	1	Frame.	Sam'l Moore		Water Closet	From the above	$50			$50			$5		$5	$5		$5
24	584	4:30 p m	3745 Evans av	2	Brick		Mrs. Harvey	Dwelling	Gasoline stove		$750			$500			$202	202		$202	202
24	Still	4:14 p m	7005 Pennsylvania av	1	Frame	Hill & Hamel, Agts	Johana Booker	Dwelling	Gasoline explosion												
24	99	5:35 p m	East St. Louis, Ill		Pumping Station.	Waters-Pierce Oil Co	Owners	Oil Works	Unknown.												
24	Still	10:17 p m	4166 Washington av		Ash Pit				Hot ashes												
25	77	9:52 a m	828 Carr st		No loss				Gasoline stove												
25	739	1:10 p m	5734 Tyler av	2	Frame.	Noah Weaver	Owner	Dwelling	Gasoline stove	800	250	$1,050				600	25	625			
26	5534	6:26 a m	4127 Red Bud av	2	Frame	John Kelley	Owner	Dwelling	Coal oil lamp falling		700			500			7	7		7	7
26	979	1:57 p m	Unnecessary Alarm						Smoky chimnep												
26	883	3:05 p m	Rear 2206 University st		Shed	Otto J. Schulz	Owner	Coal Shed and Ash Pit	Set by boys												
26	379	5:19 p m	Rear 3434 Locust st		Ash Box				Hot ashes												
27	Still	11:25 a m	8417 S. Broadway	2	Brick	John Morrison	Tenants	Dwelling	Defective flue												
27	246	4:25 p m	2220 Lucas av	2	Brick	Alfred Carr, Agt	Mrs. M. Muller	Dwelling	Gasoline, cleaning with		1,000						15	15			
27	23	8:11 p m	1118 Washington av		No loss				Coal oil lamp falling												
27	262	8:23 p m	2206 O'Fallon st.	2	Frame	Ponath & Brueggeman, Agts	Vacant	Dwelling	Set by tramps												
27	531	11:36 p m	False Alarm						False												
28	155	1:28 p m	N. W. cor. 9th and Walnut sts.	2	Brick	J. F. Geiger	Owner	Livery Stable	Unknown	3,500	1,500	5,000	4,000	900	$4,900	2,025	1,000	3,025	2,025	900	2,925
28	2nd	1:33 a m							2nd Alarm												
28	676	6:05 a m	Rear 2920 Eads av.		Shed	J. S. Miller	Owner	Wood and Coal	Unknown	75			50			25		25	25		25
28	676	6:55 a m	Rear 2924 Eads av		Shed.	Wm. M. Kennedy	Owner.	Wood and Coal	From the above												
29	361	12:30 a m	1923 N. 10th st.	2	Brick	Keane & Grace, Agts	J. Egbert.	Grocery and Saloon	Unknown	3,500	500	4,000		1,000		100	250	350		250	250
29	277	3:37 p m	Rear 3412 Laclede av.		No loss				Hot ashes												
30	364	12:38 p m	Main and Clinton sts.		Weeds				Sparks from locomotive												
30	Still	3:55 p m	1008 N. 12th st	2	Frame	Chas. Incomp	Jno. Lewis	Dwelling	Burning rubbish												
30	Still	6:12 p m	4001 N. Belle place.	2	Stone Front.	Dr. Vaughan	W. Davenport	Dwelling	Unknown												
30	521	6:25 p m	Rear 3663-5 Laclede av		No loss				Hot ashes.												
30	5113	7:10 p m	4348 Garfield av	2	Frame	Mrs. O'Day.		Home for Children	Gasoline stove												
30	946	8:28 p m	713 Lynch st	1	Brick	Anheuser-Busch Brewing Ass'n	American Brass Co.	Foundry and Machine Shop	Unknown	1,400	3,500	4,900	1,200	2,500	3,700	800	1,000	1,800	800	1,000	1,800
			Box Alarms, 97. Stills, 54. Total, 151, of which 5 were false.							$413,375	$64,840	$478,315	$328,060	$46,725	$374,785	$24,974	$10,889	$35,863	$23,199	$9,819	$33,018

OCTOBER, 1896.

Date.	Box.	Time.	Location.	No. of Stories.	Material.	Owner.	Occupant.	For what Purpose Used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	48	12:04 a m	1118 Pine st	3	Stone Front	Wm. Grimminger	Tenants	Storage and Cigar Store	Unknown	8,000	1,000	9,000	5,000			125	300	425	125		125
1	Still	1:28 a m	N. E. cor. 10th and Washington av		No loss				Leak in spklr. pipe												
1	Still	5:15 p m	N. W. cor. Wharf and Madison st		No Fire.				Automatic spklr. let go												
1	5131	9:40 a m	3910 Lincoln av	2	Frame	Andreas and Gerst, Agents	T. J. Knight	Dwelling	Gasoline stove	1,000			1,100			143		143	143		143
1	118	8:12 p m	Unnecessary Alarm						Smoky chimney												
2	593	4:36 a m	936 Goodfellow av	2	Brick	Nelson and Mersman, Agents	B. Gardiner.	Drug Store	Unknown	5,000	4,000	9,000	4,000	3,500	7,500	316	1,500	1,816	316	1,500	1,816
2	Still	5:01 a m	Rear 1925-1927 Hickory st		Sheds	J. Block	Tenants	Wood and Coal	Hot ashes	6,000			5,175			147		147	147		147
2	Still	11:45 a m	Rear 2108 Wash st		Sheds	M. Verdes	Owner	Wood and Coal	Set by boys	75											
2	332	10:34 a m	1308 Collins st.	2½	Brick	Terminal R. R. Ass'n	Mrs. Birkman	Dwelling	Sparks from grate	2,500	200	2,700				5	10	15			
2	416	5:57 p m	520½ Marceau st.		No loss				Burning grease												
2	644	6:27 p m	Rear 1905-7-9 LaSalle st		Sheds.	Cavander and Thompson, Agents	Tenants	Wood and Coal.	Unknown	150						75		75			
3	Still	11:50 a m	Rear 4035 Morgan st		No loss				Burning grease												
4	919	5:08 p m	2211½ Bismarck st	2	Brick	Mrs. A. Griesmeyer.	Jos. Oswand	Dwelling	Unknown		600			500			50	50		50	50
4	919	5:08 p m	2211¾ Bismarck st.		2 Story	Mrs. A. Griesmeyer.	Henry Heinker	Cigar Factory	Same fire		400						200	200			
4	Still	10:35 p m	16th bet. Cass and O'Fallon sts		Lumber Yard	Fisher Estate.	J. Hennessey	Storage of Old Lumber	Set by tramps												
5	624	2:10 a m	Rear 2809-11 Shenandoah st		Sheds	Mr. Moran	Tenants	Wood and Coal	Hot ashes	50			50			50		50	50		50
5	624	2:10 a m	Rear 2807 Shenandoah st	2	Frame.	S. F. Fashnacht	Owner.	Stable	From the above	300			300			15		15	15		15
5	9116	2:44 a m	1800 Park av	2	Brick	Mrs. Able	Louis Zelaza	Saloon and Bowling Alley	Electric wire	6,500	3,500	10,000	6,000	3,000	9,000	52	39	91	52	39	91
5	665	2:59 a m	Rear 2625 Shenandoah st.	1½	Frame.	Robert Doerste	Owner.	Stable	Incendiary	1,300	500	1,800	1,200	475	1,675	70	6	76	70	6	76
5	19	7:12 p m	Rear 1408 N. 13th st.	1	Brick and Frame	Mrs. Manelle.	Owner.	Stable.	Set by boys.												
5	524	8:07 p m	Rear 1227 N. Garrison av.		Shed	Elijah Edwards.	Mrs. Blair.	Wood and Coal	Set by boys												
6	Still	2:55 a m	2d and Buchanan sts.		No loss				False												
6	5226	7:31 a m	5881 Plymouth av	2	Brick and Frame.	Edward Moore	Owner	Dwelling	Dropping lighted match												
6	Still	5:17 p m	Henrietta and Theresa avs.		No loss				Burning rubbish												
6	193	5:55 p m	2706 Franklin av	3	Stone Front	Phil. Herwig	Mrs. E. Barthell	Notion Store	Gas jet unprotected	9,000	2,500	11,500	3,500	2,000	5,500	10	31	41	10	31	41
6	719	8:46 p m	1329 Graham av	1	Brick	J. Rooney	Owner	Dwelling	Unknown	2,100	500	2,600	2,100	500	2,600	1,825	350	2,175	1,825	350	2,175
7	112	7:21 p m	Biddle and Collins sts		Ruins.	Terminal Elv. Co		Elevator Ruins	Set by boys												
7	Still	7:23 p m	1220 S. Broadway.	2	Brick	Mrs. Hastings.	H. S. Stoeffel	Stove Store	Fire-works												
7	Still	7:25 p m	127 S. Broadway	2	Brick	Hy. Stoffregen	J. Becker	Grocery	Chinese lantern												
7	919	11:41 p m	2100 S. Broadway	2	Brick		S. Rothgresen & Bro		Fire-works		200			200			63	63		63	63
8	626	7:30 p m	Rear 2618-20 Allen av.		Sheds.	M. Scharicht	Owner	Wood and Coal	Hot ashes.		500			500			90	90		90	90
9	Still	4:05 a m	6811 S. Broadway	2	Brick	Husman Bros	Owners	Grocery	Unknown.												
10	Still	1:16 p m	Unnecessary Alarm						Leak in spkl. pipe												
10	Still	2:35 p m	Rear 4322 W. Belle av.	2	Brick	R. A. Mills	Owner	Wood and Coal	Hot ashes												
10	993	10:51 p m	Rear 2908 Missouri av		Ash pit	Wm. Haun	Owner	Ash pit	Hot ashes												
11	194	3:56 a m	False Alarm.						False												
11	117	8:48 a m	False Alarm.						False												
12	194	3:50 a m	715 N. 22d st.	2	Brick	Mr. O'Brien	Mrs. Jane Elliott	Furnished Rooms	Set by burglars.	10,120	500	10,620	10,120	500	10,620	39	52	91	39	52	91
12	249	4:30 a m	Rear 3150 Locust st.		Shed.	Thos. Walsh	A. J. Patrick	Wood and Coal.	Hot ashes	6,000						10		10			
12	249	4:30 a m	Rear 3152 Locust st.		Shed.	Mrs. E. A. Beach.	Owner	Wood and Coal.	From the above	6,000			6,000			5		5	5		5
12	Still	11:49 p m	N. W. cor. 8th and Locust sts	7	Brick, no loss.			St. Nicholas Hotel	Sparks from range												
13	24	6:56 a m	927 N. 13th st	3	Brick	C. H. Semtner.	Owner.	Dwelling	Unknown	3,000	400	3,400	3,000	400	3,400	10	36	46	10	36	46
13	953	10:19 p m	3400 S. Broadway.	3	Brick	Peter Wagner C. W. Mfg.	Owner.	Carriage and W. Mfg	Unknown	9,000	3,000	12,000	9,000	3,000	12,000	80	77	97	80	17	97
14	771	12:33 p m	Rear 5320 Old Manchester rd.	1	Frame	Wm. Luhman	Owner	Stable	Unknown	1,500	50	1,550	1,500			35	20	55	35		35
14	539	6:41 p m	2000-2 College av	2	Brick	John Freuer	Owner	Grocery, Saloon and Dwelling	Unknown	3,500	1,200	4,700	3,000	1,130	4,130	668	35	703	668	35	703
14	29	6:56 p m	510-12 Franklin av	3	Brick	Judge Klein, Agent.	T. Hodson	Millinery Store	Dropping lighted match												
14	636	7:40 p m	3740 California av	2	Brick	Mr. McCormack.	Owner	Dwelling	Coal oil lamp explosion	1,500	500	2,000	1,500	500	2,000	5	5	10	5	5	10
15	16	8:51 a m	811 N. 29th st	2	Brick	J. Kuhn.	Jasper Stallard.	Dwelling	Dropping lighted match.		800						10	10			
15	Still	1:13 a m	False Alarm.		Cross Wire				False												
15	735	2:02 p m	Rear 4208 Laclede av.	1	Frame	Bartle Murre	Owner	Shed and Chicken House	Sparks from fire in yard	125						50		50			
15	5217	2:29 p m	Rear 1608 Arlington av.	1&2	Frame	Geo. Bruening	Owner	Stable	Children and matches	250	25	275				200	15	215			
15	5217	2:29 p m	Rear 1606 Arlington av.		Shed	Catherine Madden	Owner	Coal Shed	From the above	2,000			1,500			10		10	10		10
15	5217	2:29 p m	Rear 5379 Theodosia av.	2	Brick	Fk. Ehrenberg	Tenants	Dwelling	From the above	3,600			3,600			76		76	76		76
15	828	6:44 p m	14th and Penrose sts.		No loss				Coal oil lamp												
15	971	6:51 p m	Rear 1020 Allen av	1	Frame	Jno. Eichenseen	Hy. Schumacher	Stable	Unknown	250	150	400		150		10	92	102		92	92
15	296	8:17 p m	Rear 1627 Hogan st.		Ash pit				Hot ashes												
16	364	12:25 p m	1714 S. 12th st	2	Brick	Mrs. Catherine Chands	Tenants	Tenement.	Sparks from chimney.	2,100	250	2,350		2,100		8	5	13	8		8
16	433	7:22 p m	113 Bow st	2	Brick	E. E. Webster.	Owner.	Dwelling	Coal oil lamp.												
16	Still	10:40 p m	[illegible] Highland av.	2	Brick	David M. Warden.	Unoccupied.	Dwelling	Unknown	1,800						1,000		1,000			
17	Still	1:46 a m	Rear 3144 Washington av		Ash pit				Hot ashes												
17	Still	4:30 p m	Unnecessary Alarm						Smoky chimney												
17	846	4:09 p m	Rear 2562 Palm st	2	Frame	Chris. Chafer	Owner	Stable	Unknown	750	200	950	350	200	550	275	55	330	275	55	330
17	846	4:09 p m	Rear 2570 Palm st	1	Frame	S. Ruebbelke	Owner	Stable	From the above	250						15		15			

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

OCTOBER, 1896.—Continued.

DATE.	BOX.	TIME.	LOCATION.	CLASS OF BUILDING. No. of Stories.	CLASS OF BUILDING. Material.	OWNER.	OCCUPANT.	FOR WHAT PURPOSE USED.	ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
17	846	4:09 p m	Rear 2570 Palm st	1	Brick	S. Ruebbelke.	Owner.	Dwelling	From the above	$750						$5		$5			
17	846	4:09 p m	Rear 2568 Palm st	1	Frame	Jacob Hummel	Owner	Stable	From the above	200						5		5			
17	379	5:54 p m	Rear 3429 Lucas av		Shed	Fisher & Co., Agents	Tenants	Wood and Coal	Hot ashes	100			$100			100		100	$100		$100
17	379	5:54 p m	Rear 3421 Lucas av		Shed.	Mrs. I. M. Robinson	Owner.	Wood and Coal	From the above	2,500			2,500			3		3	3		3
17	379	5:54 p m	Rear 3433 Lucas av		Shed	Mrs. Herman	Owner.	Wood and Coal	From the above	90						10		10			
17	379	5:54 p m	Rear 3431 Lucas av		Shed	Mrs. L. Ralston	Owner	Wood and Coal	From the above	90						70		70			
18	381	12:42 a m	Rear 1313 Park av			Jno. Denoiset	Owner	Wood and Coal	Hot ashes	75						5		5			
18	21	12:30 p m	Rear 915 N. 12th st	2	Brick	Booth & Co., Agents	Mrs. Alexandria (col.)	Dwelling	Sparks from chimney	1,200						5		5			
18	38	6:52 p m	N. E. cor. 4th and Market sts	5	Brick	McLain Est	Tenants	Tenement	Gasoline stove												
18	Still	9:48 p m	318 Olive st	3	Brick	Mr. Hilger	Owner	Saloon	Unknown												
19	918	4:17 p m	Rear 1901-3-5 S. Broadway	1	Brick and Frame	Carl Hoffman	Frank Schwab	Farmers' Yard	Unknown	3,000	$3,300	$6,300	3,000	$3,300	$6,300	755	$164	919	755	$164	919
19	2nd	4:25 a m	Front 1901-3-5 S. Broadway	2	Brick	Carl Hoffman	Frank Schwab	Grocery, Saloon and Boarding	2d alarm	650	50	700	650	50	700	150	25	175	150	25	175
19	2nd	4:25 a m	Rear 1907 S. Broadway	2	Frame	Bernard Klauber	Owner	Stable	From the above	500			500			6		6	6		6
19	2nd	4:25 a m	Front 1907 S. Broadway	2	Brick	Bernard Klauber	Owner and C. Manze	Rag Warehouse and Music Store	From the above												
19	2nd	4:25 a m	Front 1909 S. Broadway	2	Brick	Bernard Klauber	Owner	Rag Warehouse	From the above												
19	2nd	4:25 a m	Rear 1911-13-15 S. Broadway	1&2	Brick and Frame	Bernard Klauber	Owner	Rag Warehouse	From the above	750			750			642		642	642		642
19	2nd	4:25 a m	Rear 1911-13-15 S Broadway	2	Frame	Bernard Klauber	Owner	Stable	From the above												
19	2nd	4:25 a m	Front 1913-15 S. Broadway	2	Brick	Bernard Klauber	Owner	Rag Shop and Dwelling	From the above												
19	2nd	4:25 a m	618 Geyer av	2	Brick	B. Lung	Owner	Dwelling	From the above	1,000			1,000			34		34	34		34
19	2nd	4:25 a m	Rear 618 Geyer av	3	Brick	B. Lung	Tenants	Dwelling	From the above												
19	2nd	4:25 a m	Rear 1902 S. 7th st	2	Brick	G. Maes	Tenants	Dwelling	From the above	1,600			1,600			45		45	45		45
19	49	4:50 a m	1227 Market st	2	Brick	Mr. Lucas	Meyers & Co	Restaurant	Gasoline stove	750	250	1,000	750	250	1,000	80	31	111	80	31	118
19	37	5:57 p m	114 N. Main st	5	Brick	R. Noonan, Agent	Allison Comm. Co	Comm. House.	Unknown.												
19	541	6:50 p m	3710 W. Pine st	2	Stone Front	Jno. A. Sohn	Owner	Dwelling	Gas jet igniting curtains												
19	741	7:40 p m	Rear 4319 Beck av		Shed	Mrs. E. Hoffman	Tenants	Wood and Coal	Dropping lighted match												
19	Still	11:15 p m	Rear 3928 Delmar av		Ash pit	J. Ballinger	Owner	Ash Pit	Hot ashes												
20	624	8:14 a m	Rear 2839 Russell av		Ash pit			Ash Pit	Hot ashes												
20	Still	11:45 a m	1121 Rutger st	3	Stone Front	A. Tietzel	Owner	Dwelling	Defective flue												
21	296	8:46 a m	1640 Helen st		No loss				Gasoline stove												
21	136	11:35 a m	False Alarm						False.												
21	327	12:47 p m	Rear 2842 Olive st.	1	Brick	Cleaner Mfg. Co	Owners	Polish Mfg	Liquid falling on stove	700	1,000	1,700				100	300	400			
21	435	3:50 p m	S. 8th st. and Wilmington rd		Weeds				Set by boys												
21	181	7:16 p m	3139 Franklin av	2	Brick	Kaime Bros., Agents	Dr. Urich Harder	Dwelling	Gas jet		2,500			2,000			15	15		15	15
22	818	4:23 a m	R. R. Tracks near Dock st		Load Hay			Freight Cars	Sparks from locomotive	275,000			275,000			137		137	137		137
22	871	2:19 a m	Rear 6104 Ouida av		Shed				Unknown	50						5		5			
22	Still	6:00 a m	2018 N. 11th st	2	Stone Front		Mrs. Higgins	Dwelling	Gasoline stove												
22	Still	12:10 a m	1331 Pine st	2	Brick	Noonan, Agent	Eva Bryant	Dwelling	Defective flue												
22	146	10:30 a m	1301-3 S. 3d st	3	Brick	Mrs. Mary Steinmeyer	L. Bunck	Saloon and Dwelling	Sparks from chimney	4,500	1,250	5,750	3,000	500	3,500	75	50	125	75	50	125
23	Still	12:49 p m	Rear 300 S. Jefferson av		Ash Pit	M. Hetzel	A. H. Schulte	Ash Pit	Hot ashes												
23	665	2:53 p m	2718 Shenandoah st	2	Brick	Jacob Kempf	Mrs. Mattern	Dwelling	Gasoline stove	2,500	350	2,850	2,333			75	15	90	75		75
23	122	5:28 p m	Alley 10th and Franklin av		Lunch Stand			Lunch Stand	Gasoline stove	25						10		10			
24	Still	6:30 a m	Rear 3216 Washington av		Shed		Wm. Bryan	Ash Pit	Hot ashes	100						10		10			
24	379	8:40 a m	815 Ware av	2	Brick	Mrs. Sanguinette	John H. Crocker	Upholstering Shop	Stock too near stove pipe	1,500	500			500		150	350	500		350	350
24	612	4:00 p m	3424 LaSalle st	2	Frame.	Fred Walz	Ben Clark	Dwelling	Lighted match												
24	535	5:31 p m	2900 Newstead av	2	Brick	Jos. J. Riley	Owner	Dry Goods Store	Lighted match												
24	137	10:00 p m	Unnecessary Alarm						Burning out chimney												
24	Still	4:10 p m	3939 Fairfax av	2	Brick	Mrs. Clemens	W. M. Morton.	Dwelling	Gasoline stove												
25	834	4:36 a m	Rear 1914 Sullivan av.		Shed	Mr. Timmermeister	Dr. S. J. Baker	Wood and Coal	Hot ashes												
25	948	10:41 a m	722-4 Wyoming st	2	Brick	Jno. Herman	A. J. Funch	Dwelling	Sparks from chimney	5,400	500	5,900	5,400			250	25	275	250		250
25	367	12:12 p m	1202 Monroe st	2	Brick	J. Wm Kack	J. L. Wright	Dwelling	Sparks from chimney	3,000			2,500			75		75	75		75
26	61	1:29 p m	Unnecessary alarm						Smoke from flue												
26	251	3:09 p m	1223 N. 15th st	2	Brick	Wm. Horrich	Mrs. Brittenbach	Dwelling	Defective flue	1,000	250	1,250	600			55	10	65	55		55
26	Still	5:20 p m	Pennsylvania and Geyer avs.		Rubbish				Set by boys												
26	5133	5:40 p m	Rear 3609 Evans av		Rubbish				Burning rubbish												
27	Still	9:25 a m	112 Locust st	4	Brick				Cross wire												
27	312	10:56 a m	1118 N. 23d st	2	Frame	M. B. O'Reilly	Mary Patton (col.)	Dwelling	Gasoline spilled on stove	600	275	875	600			43	5	48	43		43
27	681	1:12 p m	Nebraska and Geyer avs		Rubbish				Set by boys												
27	745	3:55 p m	S. of Tower Grove Park		Rubbish				Burning rubbish												
27	7151	4:43 p m	Brannon av. and O'Dell st		Rubbish				Burning rubbish												
27	Still	7:30 p m	614 Pine st	3	Brick	Rutledge and K., Agents	Lowenstein-Weir Jewelry Co.	Jewelry Factory	Hot metal dropped on floor		15,000			11,200			144	144		144	144
27	443	7:33 p m	Unnecessary Alarm						Burning rubbish												
27	719	9:55 p m	5877 Wilson av	1	Frame	Laclede Fire Bk. Co	Wm. Elliott	Dwelling	Unknown	4,000	300	4,300	4,000	300	4,300	1,263	274	1,537	1,263	274	1,537
27	719	9:55 p m	5879 and 5875 Wilson av	1	Frame	Laclede Fire Bk. Co	Tenant	Dwelling	From the above												
27	719	9:55 p m	5873 Wilson av	1	Frame	Laclede Fire Brick Co.	Unoccupied.	Dwelling	From the above												
28	831	4:13 a m	Rear 2240 Sullivan av		Shed.	Mrs. Shafer	Owner	Wood and Coal	Hot ashes	150						100		100			
28	831	4:13 a m	Rear 2238 Sullivan av		Shed	Mrs. M. Gerhold	Owner	Wood and Coal.	From the above	3,150			3,150			30		30	30		30
28	831	4:13 a m	Rear 2241-5 Dodier st	2	Frame.	H. Woltge	Owner	Stable and Shed	From the above	500						75		75			
28	831	4:13 a m	Rear 2239 Dodier st		Shed.	Wm. F. Knollman	Owner	Wood and Coal	From the above	50						5		5			
28	529	1:54 p m	3628 Washington boul	2	Stone Front	Genl. Jno. Boyle.	Owner	Dwelling	Ignition of wax on stove	14,000	2,000	16,000	14,000	2,000	16,000	35	20	55	35	20	55
28	435	1:37 p m	Unnecessary Alarm						Burning rubbish												
28	Still	9:51 p m	6007 Bartmer av	3	Brick	Dr. Campbell	Owner	Dwelling	Unknown	5,000	1,000	6,000	5,000			3,500	300	3,800	3,500		3,500
30	5154	11:50 a m	4263 Olive st	2	Brick	Fred. Suss.	Owner	Grocery Store	Candle left burning in cellar												
30	644	1:53 p m	S. W. cor. Chouteau and Mississippi avs		Old Lumber				Unknown												
30	284	2:00 p m	2203 N. Broadway	3	Brick	Rosenbaum and H., Agents	Tenants.	Tenement.	Sparks from chimney												
30	923	3:35 p m	220 Lesperance st	2	Brick	Miss Riche		Dwelling	Sparks from chimney	1,000			1,000								
30	Still	6:34 p m	Blair av. and Mallinckrodt st		Ash Box				Hot ashes												
30	248	8:00 p m	N. W. cor. 12th and Gratiot sts	1	Brick and Frame	St. Louis Bagging Co	Purina Mill Co	Stable	Unknown	150	300	450				100	300	400			
30	248	8:00 p m	Adjoining	1	Brick	St. Louis Bagging Co	Purina Mill Co	Warehouse	From the above												
30	424	10:21 p m	[illegible] Michigan av	1½	Frame	Geo. Bumer	C. R. Kalb	Dwelling	Unknown	1,000	250	1,250		75		250	75	325		75	75
31	752	12:56 a m	2730 Hermitage av	1	Frame	J. F. Dooley	Ira Erhardt	Dwelling	Unknown	900	275	1,175	800			800	150	950	800		800
31	752	12:56 a m	2738 Hermitage av	1	Frame	B. F. Shields	Mrs. Cunningham	Dwelling	From the above	900			700			500		500	500		500
31	752	12:56 a m	2726 Hermitage av	1	Frame	Laura V. Howell	Owner	Dwelling	From the above	900			700			5		5	5		5
31	328	3:27 a m	Rear 3103 Lucas av		Shed	Kothoff and Co., Agents	Tenants	Wood and Coal	Unknown	75						50		50			
31	328	3:27 a m	Rear 3107 Lucas av		Shed	Thos. Rich	Tenants	Wood and Coal	From the above	75						10		10			
31	328	3:27 a m	Rear 3101 Lucas av	1	Brick	L. J. Humphrey	Tenants	Stable	From the above												
31	865	2:36 p m	4304 Blair av	2	Brick	T. Collins	Owner	Dwelling	Combustion of Chemicals	1,800	500	2,300	1,500			25	15	40	25		25
31	Still	5:00 p m	False Alarm						False												
31	543	11:13 p m	631 N. Vandeventer av	2	Brick	I. Z. Smith	E. K. Trefney.	Dry Goods and Dwelling.	Unknown.												
						Box Alarms, 89. Stills, 41. Total, 130, of which 6 were false.				$144,100	$50,825	$494,925	$409,228	$36,730	$445,958	$15,007	$5,299	$20,306	$12,717	$3,569	$16,286

96-97.

N.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$750						$5		$5			
	200						5		5			
	100			$100			100		100	$100		$100
	2,500			2,500			3		3	3		3
	90						10		10			
	90						70		70			
	75						5		5			
	1,200						5		5			
	3,000	$3,300	$6,300	3,000	$3,300	$6,300	755	$164	919	755	$164	919
	650	50	700	650	50	700	150	25	175	150	25	175
	500			500			6		6	6		6
	750			750			642		642	642		642
	1,000			1,000			34		34	34		34
	1,600			1,600			45		45	45		45
	750	250	1,000	750	250	1,000	80	31	111	80	31	118
ains												
tch.												
ve	700	1,000	1,700				100	300	400			
		2,500			2,000			15	15		15	15
ive	275,000			275,000			137		137	137		137
	50						5		5			
	4,500	1,250	5,750	3,000	500	3,500	75	50	125	75	50	125
	2,500	350	2,850	2,333			75	15	90	75		75
	25						10		10			
	100						10		10			
ipe	1,560	500			500		150	350	500		350	350
	5,400	500	5,900	5,400			250	25	275	250		250
	3,000			2,500			75		75	75		75
	1,000	250	1,250	600			55	10	65	55		55
ove.	600	275	875	600			43	5	48	43		43
floor..		15,000			11,200			144	144		144	144
}	4,000	300	4,300	4,000	300	4,300	1,263	274	1,537	1,263	274	1,537
	150						100		100			
	3,150			3,150			30		30	30		30
	500						75		75			
	50						5		5			
ove..	14,000	2,000	16,000	14,000	2,000	16,000	35	20	55	35	20	55
	5,000	1,000	6,000	5,000			3,500	300	3,800	3,500		3,500
cellar												
	1,000			1,000								
	150	300	450				100	300	400			
	1,000	250	1,250		75		250	75	325		75	75
	900	275	1,175	800			800	150	950	800		800
	900			700			500		500	500		500
	900			700			5		5	5		5
	75						50		50			
	75						10		10			
cals	1,800	500	2,300	1,500			25	15	40	25		25
	$144,100	$50,825	$494,925	$409,228	$36,730	$445,958	$15,007	$5,299	$20,306	$12,717	$3,569	$16,286

-97.

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$2,500			$2,000			$20		$20	$20		$20
	60			50			50		50	50		50
	10						10		10			
		$23,500			$23,500			$49	49		$49	49
	5,000	2,000	$7,000	5,000			5,000	1,000	6,000	5,000		5,000
	3,700			3,700			310		310	310		310
	50			50			50		50	50		50
	35			25			10		10	10		10
	25						5		5			
	2,400			2,40			75		75	75		75
	500	100	600				5		5			
	700	400	1,100	600			100	50	150	100		100
	12,000	2,000	14,000	12,000	2,000	14,000	25	5	30	25	5	30
	75						25		25			
	825	150	97 5	825	150	975	490	150	640	490	150	640
	1,350	250	1,600	1,350			185	15	200	185		185
	800						5		5			
	1,900			1,900			50		50	50		50
	2,000	1,000	3,000	2,500	1,300	3,800	75	300	375	75	300	375
	250	1,000	1,250	150	1,150	1,300	250	1,000	1,250	150	1,000	1,150
	25						15					
	25						5					
	1,800	900	2,700	800	900	1,700	30	360	390	30	360	390
	3,750			3,750			141		141	141		141
	2,000			2,000			7		7	7		7
	3,000	300	3,300	3,000	300	3,300	48	83	131	48	83	131
		200						10	10			
	50						10		10			
	2,539			2,539			68		68	68		68
	6,000			6,000			179		179	179		179
ed on fir.	2,300	300	2,600	2,300	400	2,700	161	100	261	161	100	261
	20,000			20,000			18		18	18		18
		500						10	10			
	500			400			5		5	5		5
	600	3,000	3,600	500			20	1,000	1,020	20		20
	2,000	500	2,500	2,000			1,800	250	2,050	1,800		1,800
	1,800	500	2,300	1,800	500	2,300	1,683	300	1,983	1,683	300	1,983
	75	60	135		40		15	30	45		30	30
	3,000	1,000	4,000	2,000	1,000	3,000	68	27	95	68	27	95

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

NOVEMBER, 1896.

				Class of Building.																	
Date.	Box.	Time.	Location.	No. of Stories.	Material.	Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	865	11:19 a m	4220 N. 20th st	2	Brick	C. C. Roettger	Owner	Dwelling	Unknown	$2,500			$2,000			$20		$20	$20		$20
1	Still	11:14 a m	306 N. Grand av.						Smoky chimney.												
1	Still	11:45 a m	Pennsylvania and Minnesota avs.		Rubbish.				Set by boys.												
1	Still	1:40 p m	Kingshighway and Sublette av		Rubbish				Set by boys.												
1	Still	1:42 p m	Kingshighway and Scanlon av		Fence			Wooden Fence	Unknown												
1	239	8:57 p m	Rear 1214 Grattan st		Shed.	C. Reboehr	Owner	Wood and Coal	Unknown	60			50			50		50	50		50
2	125	3:44 a m	Rear 614 S. Broadway		Frame.	R. Walsh	Tenants	Water Closet	Unknown	10						10		10			
2	549	5:17 p m	N. W. cor. N. Market and Whittier sts	1	Frame	F. T. Mascheck	Thompson Bros. (col.)	Barber Shop	Coal oil lamp, falling												
3	319	7:28 p m	Rear 2806 Cass av	1	Frame	J. H. Tiemeyer	Owner	Stable	Electric wire.												
3	133	10:52 p m	N. W. cor. 4th and Spruce sts	4	Brick	Conn. Mut. Life Ins. Co	Aroma Coffee and Spice Co	Store	Spont. comb. of sage		$23,500			$23,500			$49	49		$49	49
3	68	11:52 p m	Rear 921 Locust st	1	Brick	Mr. Monti	Frank Ross	Carpenter Shop	Unknown.												
3	Still	11:54 p m	Rear 3306 Easton av.		Shed.	J. W. Weber	Owner	Wood and Coal.	Electric wire.												
4	5417	5:02 p m	1926 Cora av		No loss				Gasoline stove.												
5	72	2:28 p m	108 S. 7th st	3	Brick	Jas. M. Carpenter, Agent	Trydell and Roselli	Variety Theater	Unknown	5,000	2,000	$7,000	5,000			5,000	1,000	6,000	5,000		5,000
5	2nd	2:36 a m	110 S. 7th st	3	Brick	M. A. Wolf, Agent	Tenants	Tenement	From the above	3,700			3,700			310		310	310		310
5	2nd	2:36 a m	106 S. 7th st	3	Brick	Jas. M. Carpenter, Agent	Tenants	Tenement	From the above												
5	437	5:53 a m	4438 Ohio av.	1	Frame	Chas. F. Vogel	Wm. Christman	Dwelling	Coal oil lamp												
5	242	8:58 a m	1814 Pine st.	2	Brick	Professor Clark	Vacant	Stable.	Set by tramps												
5	312	3:59 p m	Unnecessary Alarm						Burning out chimney.												
5	881	6:44 p m	1919 Brennan av.	2	Brick	H. C. Pohlman	Geo. Ashton.	Dwelling	Explosion of kitchen range												
6	282	3:10 a m	Rear 2311 N. Market st		Shed.	Mrs. I. C. H. Kern	Owner.	Wood and Coal.	Unknown	50			50			50		50	50		50
6	282	3:10 a m	Rear 2311 N. Market st.	1	Frame.	Mrs. I. C. H. Kern	Owner.	Wash House	From the above	35			25			10		10	10		10
6	282	3:10 a m	Rear 2313 N. Market st.		Shed.	Jacob Groeves	Owner.	Wood and Coal.	From the above	25						5		5			
6	Still	10:30 a m	5353 Easton av.	2	Frame.	M. L. Gissler	M. Mitchell.	Dwelling	Gasoline stove explosion												
6	Still	3:55 p m	5186 Raymond av.	2	Brick	G. H. Boehmer	Owner.	Dwelling.	Defective flue												
7	Still	2:55 p m	Levee and Angelica st		Lumber Yard				False.												
7	418	3:51 p m	Unnecessary Alarm						Smoky chimney.												
8	821	1:12 a m	Rear 3325 N. 11th st.		Shed.	Mrs. Wm. Harris	Owner.	Wood and Coal	Hot ashes.	2,400			2,400			75		75	75		75
8	821	1:12 a m	Rear 3327 N. 11th st.	1	Frame.		Owner.	Dwelling	From the above												
9	Still	10:22 a m	2232 Division st.	1	Frame.	Mrs. Coyne.	Tenant (col.)		Defective flue	500	100	600				5		5			
9	246	4:31 p m	False Alarm.						False												
10	Still	1:16 a m	Rear 5721 Chamberlain av		Shed.	A. H. McPerry	Owner.	Wood and Coal.	Gas explosion.												
10	189	11:51 a m	2622 Adams st.	2	Frame.	Miss Mary Ryan	Thos. Ryan.	Dwelling	Unknown.	700	400	1,100	600			100	50	150	100		100
10	Still	1:04 a m	5550 Bartmer av.	2	Brick	A. W. Lambert.	Owner.	Dwelling	Boy and matches	12,000	2,000	14,000	12,000	2,000	14,000	25	5	30	25	5	30
10	Still	1:50 p m	Gano av. bet. Blair and Vonphul		Rubbish.				Set by boys												
10	Still	8:20 p m	Rear 1128 S. 4th st.		Ash Pit				Hot ashes.												
11	134	4:48 p m	1044 S. 8th st.	2	Stone Front	Hy. Hiemenz, Agent.	Chas. Martel	Dwelling	Using coal oil to light fire												
11	827	8:30 p m	Rear 4518 N. 19th st.		Shed.	Mrs. Snodgrass.	Mrs. M. N. Kelley.	Wood and Coal.	Dropping lighted match.												
12	192	3:33 a m	Rear 2808 Olive st.		Shed.	J. K. Bauduy.	Owner.	Wood and Coal.	Hot ashes	75						25		25			
12	192	3:33 a m	Rear 2814 Olive st.	2	Brick	Keeley and Co., Agents	Tenant	Stable	From the above												
12	721	8:09 a m	3641 Manchester av.	1	Frame.	Mrs. Mooney	J. S. Forrester.	Dwelling	Unknown.	825	150	97 5	825	150	975	490	150	640	490	150	640
12	818	3:40 p m	Foot of Dock st.		Squatter's Shanty.	Martha Givens.	Owner.	Dwelling	Overheated stove												
12	818	3:40 p m	Foot of Dock st		Squatter's Shanty.	Dan Douglas.	Owner.	Dwelling	From the above												
13	192	7:07 p m	2734 Olive st.		No loss				Gasoline stove blaze												
14	529	2:01 a m	False Alarm.						False.												
14	448	9:25 a m	7811 S. Broadway.	2	Rock	Mrs. Smith	P. J. King	Dwelling	Unknown.	1,350	250	1,600	1,350			185	15	200	185		185
14	533	12:09 p m	2820-2 N. Grand av	1	Frame.	Mrs. E. Lohrum.	Tenants (col.)	Dwelling	Sparks from chimney	800						5		5			
14	Still	1:32 p m	Rear 1436 McCausland av.	1	Frame.	C. R. Dennison.	Thos. Barnett.	Stable and Shed	Unknown.	1,900			1,900			50		50	50		50
14	Still	3:17 p m	3523 Chestnut st.	2	Brick		Mrs. Green.	Dwelling	Gasoline stove explosion												
14	Still	3:49 p m	Rear 309 Kraus.		Grass.				Set by boys												
14	Still	9:42 p m	521 Olive st	3	Brick		Vacant	Store	Defective flue.												
15	733	10:19 a m	Kingshighway and Manchester av.		Prairie Fire.				Set by boys.												
15	5226	11:26 a m	Bet. Goodfellow and Cara av.		Prairie Fire.				Set by boys.												
15	7214	3:00 p m	Arsenal st. and Oak Hill av		Prairie Fire.				Set by boys.												
15	457	3:29 p m	Virginia av. and Delor st.		Prairie Fire.				Set by boys.												
15	Still	5:40 p m	S. of Forest Park.		Prairie Fire.				Set by boys.												
16	94	12:15 p m	2526 N. Broadway	2	Brick	L. Leeson.	Mrs. L. T. James.	Dry Goods and Dwelling	Sparks from stove.	2,000	1,000	3,000	2,500	1,300	3,800	75	300	375	75	300	375
17	955	3:03 a m	Rear 3260 S. Jefferson av	1½	Frame.	G. F. Anguish.	Owner.	Stable	Unknown.	250	1,000	1,250	150	1,150	1,300	250	1,000	1,250	150	1,000	1,150
17	955	3:03 a m	Rear 3260 S. Jefferson av		Shed.	Louis Colby	Owner.	Coal Shed.	From the above	25						15					
17	955	3:03 a m	Rear 3250 S. Jefferson av		Shed	F. Mackinsen.	Tenants	Coal Shed.	From the above	25						5					
17	Still	6:55 p m	Rear S. W. cor. 9th and Cass av		Rubbish	P. J. Cooney Manufacturing Co.	Owner	Coal and Wood Yard	Hot ashes												
17	457	7:18 p m	Virginia av. and Delor st		Prairie				Set by boys												
17	Still	7:36 p m	Rear 1235 S. 6th st.		Yard.				Gunpowder explosion.												
18	595	2:56 a m	5538 Easton av	1	Brick	Wiegand Truedenstein.	James Hyke	Saloon	Mice and matches.	1,800	900	2,700	800	900	1,700	30	360	390	30	360	390
18	Still	9:22 a m	704 N. 4th st.	3	Brick	Agents	Berry Bros.	Oil and Varnish Store	Boiling over kettle of varnish.	3,750			3,750			141		141	141		141
18	Still	10:30 a m	2216 N. Market st	2	Brick	Mrs. Schneider	Owner	Dwelling	Sparks from chimney	2,000			2,000			7		7	7		7
18	314	3:39 p m	2327 Olive st	3	Brick	Papin & Tontrup, Agents	G. A. Guinard	Restaurant.	Gasoline stove	3,000	300	3,300	3,000	300	3,300	48	83	131	48	83	131
18	Still	5:35 p m	Lafayette and Nebraska avs.		Rubbish				Set by boys												
18	Still	6:30 p m	N. E. cor. 7th and Clark av	6	Brick				False.												
19	5157	1:59 p m	Unnecessary Alarm						Escaping steam												
19	Still	2:00 p m	False. Mercurial						False												
19	77	5:00 p m	1121 N. 9th st	2	Brick	Andreas & Gerst, Agents.	K. Harris.	Dwelling	Coal oil lamp.		200						10	10			
19	Still	5:14 p m	Rear 39 Channing av.		Rubbish.				Burning rubbish												
19	78	9:51 p m	S. W. cor. 17th and Morgan sts.	5	Brick	Moon Bros	Owners	Carriage Factory	From boiler												
20	223	1:25 a m	Rear 921 Locust st.		Shed.	Antoni Pieri.	Owners	Wood and Coal	Hot ashes	50						10		10			
20	223	1:25 a m	Rear 919 Locust st.		Shed.	F. Monti	Owners.	Wood and Coal	From the above	2,539			2,539			68		68	68		68
20	Still	5:30 p m	1403 Market st	2	Brick				False												
20	Still	8:14 p m	1532 Mississippi av	2	Stone Front	Rev. S. C. Palmer.	Owner	Dwelling.	Coal oil lamp explosion.	6,000			6,000			179		179	179		179
20	Still	9:17 p m	2107 Franklin av.	3	Brick	Mr. Steindum	Owner	Dwelling.	Coal oil lamp explosion												
20	938	11:24 p m	2856-8 S. Broadway	2	Brick	Chris. Marshal, Trustee	John Teemer	Saloon and Dwelling	Drop'g lighted candle on gasol'e spilled on flr.	2,300	300	2,600	2,300	400	2,700	161	100	261	161	100	261
21	72	6:53 a m	N. E. cor. 7th and Clark av.	5	Brick	Chas. G. Stifel	C. F. Blanke	Tea and Coffee House	Friction of machinery	20,000			20,000			18		18	18		18
21	396	2:45 p m	False Alarm						False.												
21	24	9:32 p m	1316 Wash st		No loss				Gasoline stove blaze												
22	13	9:56 a m	1110 N. 6th st.		No loss				Gasoline stove blaze												
22	72	2:02 p m	106 S. 7th st	3	Brick	C. H. Bailey, Agent.	L. Sipourette	Second Hand Store and Dwelling.	Unknown		500						10	10			
22	829	5:25 p m	Rear 3914 N. 14th st.	2	Frame.	Mrs. Isabelle Cash	Owner	Stable and Children's Play House	Children at play	500			400			5		5	5		5
22	297	6:07 p m	False Alarm.						False.												
22	946	7:57 p m	169 Sidney st	1	Brick	J. Faudi	Dr. Jno. Graul	Office and Medicine Room.	Dropping lighted cigar.	600	3,000	3,600	500			20	1,000	1,020	20		20
23	Still	2:45 p m	11th and N. Market sts	3	Brick	Peters Shoe Co	Owner	Shoe Factory	Carelessness with light												
23	752	2:51 p m	6729 Garner av.	2	Frame.	Wm. Elliott	Owner.	Dwelling	Children and matches.	2,000	500	2,500	2,000			1,800	250	2,050	1,800		1,800
23	752	2:51 p m	6727 Garner av	2	Frame.	L. B. Meyers	Owner	Dwelling	From the above	1,800	500	2,300	1,800	500	2,300	1,683	300	1,983	1,683	300	1,983
23	13	5:22 p m	1108 N. 6th st.		No loss				Coal oil lamp explosion												
23	862	7:56 p m	2562 Palm st.	1	Frame.	Chris. Schafer	Owner.	Chicken House and Harness Room.	Supposed incendiary	75	60	135		40		15	30	45		30	30
24	95	8:25 a m	1957 N. Broadway	2	Brick	Katherine Ruhr.	Owner.	Dwelling	Gasoline stove	3,000	1,000	4,000	2,000	1,000	3,000	68	27	95	68	27	95

NOVEMBER, 1896.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
25	219	10:10 a m	Unnecessary Alarm						Burning out chimney												
26	Still	2:30 p m	606 N. 4th st	3	Brick	Louis Cæsar	Owner	Saloon	Defective flue												
26	Still	4:08 p m	616 N. 8th st	6	Brick	Gilmore and Ruhl	Owner	Wholesale Clothing	Electric wire												
26	283	4:21 p m	3023 Glasgow place	3	Stone Front	Wm. Ellencott	Unoccupied	Dwelling	Defective grate	$7,633			$7,633			$25		$25	$25		$25
26	Still	6:20 p m	2012 St. Louis av	2	Brick			Dwelling	Leaking gas pipe	3,000	$1,975	$4,975	3,000	$1,975	$4,975	23	$14	37	23	$14	37
27	243	5:09 a m	1709 Washington av	2	Brick	Dr. Thos. O'Reilly	Tenant	Dwelling	Unknown	3,000	1,000	4,000	3,000	1,000	4,000	423	608	1,031	423	608	1,031
27	72	11:28 a m	119 S. 7th st	2	Brick	Miles Sells Estate	Mrs. Caroline Mahr	Sleeping Room	Sparks from stove pipe	2,000			2,000			36		36	36		36
27	Still	7:55 p m	3209 Olive st	2	Brick	J. Stephens	M. Jacobi	Dwelling	From heating stove												
27	629	8:27 p m	2824 Arsenal st	3	Brick	Mr. Quinn	E. VanMierlie (in part)	Dwelling	Defective flue	3,000	400	3,400	3,000	400	3,400	329	32	361	329	32	361
28	Still	8:10 a m	1321 Carr st	2	Brick	Haydel and Son, Agents	Mr. Schwartz	Dwelling	Defective flue												
28	Still	11:41 a m	S. W. cor. 2d and Chouteau av	2	Brick	Standard Eagle Box Co	Owners	Box Factory	Heating pipe												
28	Still	2:15 p m	913 N. 11th st	2	Brick	Samuel Bowman, Agent	Vacant	Dwelling	Set by boys												
28	155	8:02 p m	N. E. cor. 10th and Walnut sts	2	Brick	Hugo Munich, Agent	Edwin Loker	Machine Shop and Factory	Unknown		9,500			9,500			89	89		89	89
28	5136	9:16 p m	Rear 3134 Vine Grove av	1	Frame	Jno. Neff, Agent	Geo. Neff	Carpenter Shop	Unknown	500			400			150		150	150		150
29	Still	12:27 a m	4714 Blair av	1	Frame	H. A. Schwarz	Mrs. Hasseldick	Grocery Store	Overheated stove												
29	Still	4:18 a m	3226 St. Vincent av		Frame	H. L. Vogel	Owner	Hot House	From heater												
29	596	8:22 a m	1149 Bayard av	2	Frame	E. B. Alexander	Owner	Dwelling	Unknown	2,000	500	2,500	2,000			68	25	93	68		68
29	346	10:46 a m	2624 Baldwin st	2	Frame	N. Hill, Agent	Tenants (col.)	Tenement	Unknown	8,000			8,000			103		103	103		103
29	543	11:59 a m	3899 Washington boul	2	Stone Front	Gus. Rosenberg	Mrs. C. H. Hofmeister	Boarding House	Unknown	5,000	3,500	8,500	5,000	2,000	7,000	485	200	685	485	200	685
29	764	7:31 p m	1509 S. Vandeventer av	2	Brick	Nathan Cole	Frank Curts	Dwelling	Unknown	13,000			13,000			84		84	84		84
30	839	6:53 p m	Rear 2818 Dodier st	1	Frame	P. Casey	Tenants (col.)	Tenement	Defective flue	400						100		100			
30	13	8:52 p m	Rear 1019-21 N. 6th st	1	Frame	Mr. Krusse	Mrs. M. Kogal	Laundry Room	Clothing too near stove												
30	13	9:45 p m	Rear 1019-21 N. 6th st		Frame				Rekindling												
30	Still	10:45 p m	2814 Franklin av	2	Brick	M. Pariso	Owner	Grocery Store	Unknown	2,400			2,400			15		15	15		15
						Box Alarms, 68. Stills, 43. Total, 111, of which 8 were false.				$133,577	$54,535	$188,112	$129,072	$46,115	$175,187	$12,854	$5,707	$18,561	$12,559	$3,447	$15,906

DECEMBER, 1896.

Date.	Box.	Time.	Location.	No. of Stories.	Material.	Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	253	12:21 a m	2009 to 2017 Morgan st	3	Brick	Theo. Salorgne	Zenas Varney Carriage Co	Carriage Factory	Unknown	10,000	30,000	40,000	4,468	19,000	23,468	4,468	10,991	15,459	4,468	10,991	15,459
1	2nd	12:24 a m	2009 to 2017 Morgan st	3	Brick	Theo. Salorgne	Zenas Varney Carriage Co	Carriage Factory	2d alarm												
1	3rd	12:31 a m	2009 to 2017 Morgan st	3	Brick	Theo. Salorgne	Zenas Varney Carriage Co	Carriage Factory	3d alarm												
1	4th	12:39 a m	2009 to 2017 Morgan st	3	Brick	Theo. Salorgne	Zenas Varney Carriage Co	Carriage Factory	4th alarm												
1	Still	3:57 a m	Unnecessary Alarm						Thawing out cable slot												
1	5131	10:11 a m	4010 St. Ferdinand av	1	Frame	Tim. O'Donnell	Owner	Dwelling	Gasoline stove												
1	Still	11:23 a m	2616 Adams st	2	Brick	Storm and Parrish, Agents	Mrs. Smith	Dwelling	Defective flue												
1	324	12:38 p m	Rear 1009 N. Garrison av		Shed	Porter White	Tenants	Wood and Coal	Hot ashes	4,000			3,500			36		36	36		36
1	873	2:40 p m	8113-15 N. Broadway	3	Brick	Wigman Bros	Oberbeck Bros	Saloon, Dwelling and Dance Hall	Unknown	4,000	1,600	5,600	3,000	600	3,600	840	324	1,164	840	324	1,164
1	826	6:14 p m	False Alarm						False												
1	632	7:19 p m	Rear 3120 California av	1	Frame	Jas. Urban	Hy. Yaennell	Carpenter Shop	Unknown	250	400	650	50	335	385	150	150	300	50	150	200
2	5117	11:40 a m	4193 Washington av	2	Brick	Rutledge and K., Agents	Threckmartin	Dwelling	Heating furnace	6,000	2,000	8,000	3,500	1,600	5,100	200	204	404	200	204	404
2	821	11:49 a m	Rear 3429 to 33 N. 9th st	2	Frame	W. N. Redemeyer	Owner	Stable	Unknown	800	100	900	800	100	900	75	54	129	75	54	129
2	124	7:21 p m	Unnecessary Alarm						Smoke from flue												
3	63	12:31 a m	115-17-19 S. Main st	3	Brick	Farrar and Tate, Agents	Starbucket Pump Co	Pump Factory	Unknown	5,000	4,500	9,500	3,000	3,800	6,800	500	776	1,276	500	776	1,276
3	97	7:16 a m	1100 O'Fallon st	2	Brick	Mrs. Koch	Louis Robbin	Dwelling	Defective flue	1,500	200	1,700	1,000	50	1,050	12	30	42	12	30	42
3	253	9:43 a m	False Alarm						False												
3	323	8:52 p m	Rear 2837 Lucas av		Shed	Mrs. Rodgers	Owner	Wood and Coal	Unknown	6,000			5,250			220		220	220		220
3	323	8:52 p m	Rear 2835 Lucas av		Shed	Thos. H. Griffith	Owner	Wood and Coal	From the above	6,500			6,000			70		70	70		70
3	323	8:52 p m	Rear 2838 Morgan st	2	Brick	Kalme Bros., Agents	Tenant	Stable	From the above												
3	323	8:52 p m	Rear 2834 Morgan st		Shed	Jere Murphy	Tenant	Wood and Coal	From the above	4,500			3,600			14		14	14		14
4	Still	12:02 p m	Rear 1121 Montgomery st		Shed	J. Kincaid	Owner	Wood and Coal	Unknown	50						15		15			
4	196	10:45 a m	1423 Lucas av	2	Brick	J. Dockery, Agent	Tenants (col.)	Tenement	Defective flue												
4	196	10:45 a m	1425 Lucas av	2	Brick	Mrs. Foley	Tenants (col.)	Tenement	From the above												
4	759	10:59 a m	Rear 4220 Chouteau av	2	Frame	Wm. Panner	Tenant	Wood and Coal	Boys and matches	3,500			2,700			100		100	100		100
4	759	10:59 a m	Rear 4222 Chouteau av	2	Shed	Aloes Ruthman	Owner	Wood and Coal	From the above	50						10		10			
4	759	10:59 a m	Rear 4218 Chouteau av	2	Shed	B. Vogelbein	Owner	Wood and Coal	From the above	50			25			15		15	15		15
4	Still	2:20 p m	2822 Washington av	3	Stone Front	Fisher and Co., Agents	Mrs. B. McLane	Dwelling	Dropping lighted match		1,400			1,000			25	25		25	25
4	354	3:45 p m	Unnecessary Alarm						Smoke from flue												
4	Still	5:02 p m	1213 Poplar st	2	Brick	Mr. Kennedy	Geo. Weker	Dwelling	Unknown												
5	62	5:30 a m	11th South 7th st	2	Brick	Anderson-Wade, Agents	G. H. Brewster	Restaurant	Gasoline burner	8,500	800	9,300	8,500			75	60	135	75		75
5	Still	8:41 a m	6947 Marquette av	2	Frame	Aug. Heine	Owner	Dwelling	Defective flue	2,000	700	2,700	2,000	500	2,500	273	50	323	273	50	323
5	7153	9:12 a m	7016 Old Manchester rd	1	Frame	Dr. L. W. Cape	Mrs. L. D. Fuller	Notion Store	Stovepipe too near woodwork	500	700	1,200		500		25	200	225		200	200
5	231	5:23 p m	S. E. cor. Broadway and Washington av	5	Brick	Broadway Real Estate Co	Nugent Bros	Dry Goods and Notions	Electric wire	105,000	600,000	705,000	102,750	539,367	642,117	975	6,250	7,224	675	6,250	7,225
5	Still	9:31 p m	2841 Manchester av	3	Brick	Jno. H. Hoerr	Owner	Bakery and Dwelling	Smoky oven												
6	18	7:16 a m	1413 N. 9th st		No loss				Explosion of coal oil lamp												
6	Still	6:00 p m	711 to 717 S. Main st	1	Brick	St. Louis Ice Manufacturing Co	Owners	Cold Storage	Explosion of coal oil torch												
6	Still	7:45 p m	4213 Finney av	2	Brick	Geo. D. Jacobs	Owners	Dwelling	Sparks from grate		1,200			1,000			38	38		38	38
6	5217	9:12 p m	1608 Arlington av	1	Frame	Geo. R. Bruening	Owners	Grocery and Dwelling	Gasoline stove	2,000	500	2,500	1,850	200	2,050	75	130	205	75	130	205
6	Still	9:20 p m	3106 Thomas st	2	Brick	P. Tobin	E. Nolan	Dwelling	Burning sulphur												
7	391	4:55 a m	3133 Franklin av	2	Brick	Andreas & G., Agents	Sam'l Deisler	Dwelling	Coal oil lamp	3,000	800	3,800	2,500	500	3,000	24	25	49	24	25	49
7	Still	1:30 p m	200 Rutger st	2	Brick	U. S. Flouring Mill Co	Owners	Flour Mill	Defective flue												
7	676	6:28 p m	2932 Henrietta st		No loss				Burning out chimney												
7	546	9:38 p m	Rear 3652 Finney av	1	Brick	Henry Schwanke	Tenants	Stable	Burning rubbish												
8	29	7:30 a m	510-12 Franklin av		No loss				Electric wires												
8	75	11:14 a m	710 Clark av	2	Brick	H. A. Benoist	Oley Golden	Dwelling	Gasoline stove		500						10	10			
8	Still	12:25 p m	408 S. 15th st		No loss				Gasoline stove												
8	18	5:03 p m	815 O'Fallon st	2	Brick	Sam'l Weisse	Jos. Bebar	Tailor Shop and Dwelling	Defective flue												
8	Still	11:40 p m	1500 Pine st	3	Brick	Mr. Calla	J. Means	Furnished Rooms	Lighted match	5,000			4,000			36		36	36		36
9	443	9:55 a m	6118 S. 7th st		No loss				Burning out chimney												
9	Still	7:30 p m	1422 Market st	3	Brick		Tenant	Tailor Shop	Unknown		1,200			1,000			26	26		26	26
10	262	2:20 a m	2219 O'Fallon st		No loss				Burning rubbish												
10	287	10:21 a m	Rear 1929 Madison st	2	Frame	Andreas Jarganiski	Owner	Tailor Shop	Unknown	300	250	550				100	150	250			
10	Still	8:17 p m	False Alarm						False												
10	Still	11:00 p m	504 S. 6th st		No loss				Ignition of coal oil on floor												
11	Still	5:10 p m	2609 Taylor av	2	Brick	M. Shorter	E. Lowry	Dwelling	Gasoline stove		800						5	5			
11	988	10:05 p m	Rear 2713 McNair av	1	Frame			Stable	Coal oil lamp, kicked over by mule												
11	733	11:02 p m	Rear 4475 Norfolk av	2	Frame	N. Dreier	Owner	Stable	Unknown	600	400	1,000	500			425	175	600	425		425
12	Still	3:00 p m	3942 Forest Park boul	2	Brick	Henry Becker	Mrs. D. Phillips	Dwelling	Coal oil stove												
12	514	5:11 p m	4061-3 Easton av	2	Frame	Mrs. Adams	Jas. Kidd (col.)	Dwelling	Defective flue	1,800	300	2,100				300	15	315			
12	Still	5:35 p m	8412 S. Broadway	2	Frame	Ruprecht & Bros	Owners	Stable	Electric wire												
12	Still	10:57 p m	Rear 2213 N. Market st		No fire				Attempted suicide												
13	378	1:54 a m	Rear 2576 Montgomery st	2	Frame	Ed. Ganz	Michael Prendeville	Stable	Unknown	2,500			2,000			20		20	20		20
13	378	1:54 a m	Rear 2582 Montgomery st	1	Frame	Chas. Epstein	Owner	Stable	From the above												
13	865	3:59 a m	Rear 4255 N. 20th st	1	Frame	Jacob Riede	Owner	Kitchen	Defective stove pipe	150			100			4		4	4		4
13	Still	3:32 p m	3693 Lindell boul	2½	Frame	Mrs. Ida Castleman	Owner	Dwelling	Defective flue												
13	Still	4:45 p m	1515 Olive st	2	Brick	Noonan, Agent	Clara Price	Boarding House	Unknown												

96-97.

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$7,633			$7,633			$25		$25	$25		$25
	3,000	$1,975	$4,975	3,000	$1,975	$4,975	23	$14	37	23	$14	37
	3,000	1,000	4,000	3,000	1,000	4,000	423	608	1,031	423	608	1,031
e	2,000			2,000			36		36	36		36
	3,000	400	3,400	3,000	400	3,400	329	32	361	329	32	361
		9,500			9,500			89	89		89	89
	500			400			150		150	150		150
	2,000	500	2,500	2,000			68	25	93	68		68
	8,000			8,000			103		103	103		103
	5,000	3,500	8,500	5,000	2,000	7,000	485	200	685	485	200	685
	13,000			13,000			84		84	84		84
	400						100		100			
	2,400			2,400			15		15	15		15
	$133,577	$54,535	$188,112	$129,072	$46,115	$175,187	$12,854	$5,707	$18,561	$12,559	$3,447	$15,906

	10,000	30,000	40,000	4,468	19,000	23,468	4,468	10,991	15,459	4,468	10,991	15,459
	4,000			3,500			36		36	36		36
	4,000	1,600	5,600	3,000	600	3,600	840	324	1,164	840	324	1,164
	250	400	650	50	335	385	150	150	300	50	150	200
	6,000	2,000	8,000	3,500	1,600	5,100	200	204	404	200	204	404
	800	100	900	800	100	900	75	54	129	75	54	129
	5,000	4,500	9,500	3,000	3,800	6,800	500	776	1,276	500	776	1,276
	1,500	200	1,700	1,000	50	1,050	12	30	42	12	30	42
	6,000			5,250			220		220	220		220
	6,500			6,000			70		70	70		70
	4,500			3,600			14		14	14		14
	50						15		15			
	3,500			2,700			100		100	100		100
	50						10		10			
	50			25			15		15	15		15
ch		1,400			1,000			25	25		25	25
	8,500	800	9,300	8,500			75	60	135	75		75
	2,000	700	2,700	2,000	500	2,500	273	50	323	273	50	323
oodwork	500	700	1,200		500		25	200	225		200	200
	105,000	600,000	705,000	102,750	539,367	642,117	975	6,250	7,224	675	6,250	7,225
lamp												
torch												
		1,200			1,000			38	38		38	38
	2,000	500	2,500	1,850	200	2,050	75	130	205	75	130	205
	3,000	800	3,800	2,500	500	3,000	24	25	49	24	25	49
		500						10	10			
	5,000			4,000			36		36	36		36
		1,200			1,000			26	26		26	26
	300	250	550				100	150	250			
floor												
		800						5	5			
over by mule												
	600	400	1,000	500			425	175	600	425		425
	1,800	300	2,100				300	15	315			
	2,500			2,000			20		20	20		20
	150			100			4		4	4		4

97.

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$3,000	$1,500	$4,500	$2,500	$1,250	$3,750	$130	$175	$305	$130	$175	$305
	6,500	1,500	8,000	5,900	1,000	6,900	2,000	500	2,500	2,000	500	2,500
	100	100	200				15	5	20			
	3,000	800	3,800	2,300	700	3,000	67	36	103	67	36	103
		800						20	20			
	8,600			8,300			14		14	14		14
	150	50	200				50	10	60			
	2,000	350	2,350				25	15	40			
	4,000			3,500			10		10	10		10
	1,000						25		25			
		500						25	25			
	100	25	125				10	2	12			
	12,000			10,000			113		113	113		113
	800	600	1,400	500	500	1,000	5	20	25	5	20	25
	1,000	500	1,500				600	200	800			
floor												
	575						25		25			
	1,500			1,000			50		50	50		50
	4,500			4,000			258		258	258		258
	800	300	1,100		280		250	225	475		225	225
	6,000	2,500	8,500	5,000	2,000	7,000	600	2,200	2,800	600	2,200	2,800
		8,200			7,622			505	505		505	505
	9,000	16,000	25,000	8,700	16,000	24,700	460	5,450	5,910	460	5,450	5,910
		38,500			37,250			5,475	5,475		5,475	5,475
	2,500			2,000			50		50	50		50
		500						10	10			
	10,000			8,000			400		400	400		400
	75						20		20			
	2,000	500	2,500				25	100	125			
	2,500	1,200	3,700	2,000	1,000	3,000	316	22	338	316	22	338
		1,500			1,200			50	50		50	50
	500						10		10			
	75						25		25			
	$349,825	$757,775	1107,600	$295 328	$664,447	$959,770	$14,794	$35,005	$49,799	$13,164	$34,003	$47,167

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

DECEMBER, 1896.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
13	48	6:05 p m	1014 Pine st.	3	Brick	Thos. Hayden.	Nicholas Shea		Incendiary.	$3,000	$1,500	$4,500	$2,500	$1,250	$3,750	$130	$175	$305	$130	$175	$305
13	576	9:16 p m	Ellen st. outside C. L.	1½	Frame.	Rosetta Curley (col.)	Owner.	Dwelling	Incendiary.												
13	237	11:03 p m	Unnecessary Alarm						Burning out chimney												
14	286	1:00 a m	S. W. Cor Main and N. Market sts	2	Frame.	M. N. Wellman	Owner	Saloon and Lodging House	Unknown.	6,500	1,500	8,000	5,900	1,000	6,900	2,000	500	2,500	2,000	500	2,500
15	Still	6:30 p m	Unnecessary Alarm						Burning rubbish												
15	Still	9:58 p m	Rear 2216 Division st.	2	Frame.	Ed. Toomey	W. Williams (col.)	Dwelling	Defective flue	100	100	200				15	5	20			
15	5166	11:02 p m	Rear 4224 Lucky st		Ash box.				Hot ashes												
16	Still	5:35 a m	1106 Washington av.	4	Brick		A. Haas and Son	Wholesale Clothing	Hot ashes falling on floor												
16	78	11:26 a m	1602 Morgan st	2	Brick	M. E. Geable	May Duffy	Dwelling	Gasoline stove.												
16	837	1:57 p m	2348 Dodier st.	2	Brick	Aug. Maune.	Prosper Barth	Dwelling	Gasoline stove	3,000	800	3,800	2,300	700	3,000	67	36	103	67	36	103
16	242	5:26 p m	1702 Chestnut st.	3	Brick	Baggott and Haley, Agents	Mrs. Gough.	Dwelling	Gas burner.		800						20	20			
16	121	10:22 p m	Rear 1301-3 Chouteau av.		Sheds.	Booth and Co., Agents	Tenants	Wood and Coal.	Unknown.	8,600			8,300			14		14	14		14
16	Still	5:27 p m	4501 Easton av	2	Brick	Mrs. Wesline.	Mr. Scully.	Store	Upsetting lamp												
17	563	6:44 p m	Rear S. E. cor. N. Market and Taylor av	1	Frame.	Wm. Lightholder.	Harry Buxell.	Stable.	Upsetting coal oil	15	50	200				50	10	60			
17	264	3:59 p m	1835 O'Fallon st.	2	Brick	Mr. Shirean.	Jas. Dempsey.	Dwelling	Children and matches	2,000	250	2,350				25	15	40			
18	286	1:19 a m	S. E. cor. Main and Clinton sts	1	Brick	Hy. Gaus Mfg. Co.	Owners.	Boiler House.	Sparks from locomotive	4,000			3,500			10		10	10		10
18	Still	4:45 p m	S. W. cor. 2d and Clinton sts.	1	Frame.	Dr. Vordick.	Vacant	Wood and Coal Shed	Unknown.												
18	Still	8:08 p m	511 N. 4th st.		Rubbish.				Unknown.												
20	57	1:24 a m	710 N. 13th st.	2	Old. Brick.	Paul Jones, Agent	Unoccupied	Dwelling	Incendiary.	1,000						25		25			
20	Still	3:38 a m	S. W. cor. Broadway and Clark av.		Lunch Stand	Mr. Miller	Owner.	Lunch Stand.	Gasoline burner.												
20	Still	10:00 a m	5510 Vernon av	2	Brick	J. G. Crabb	W. D. Wilson.	Dwelling	Defective Grate												
20	Still	10:28 a m	2603 N. 20th st.	2	Brick	Mr. Hagerdorn.	Mrs. H. Krupper	Dwelling	Overheated stove		500						25	25			
20	78	8:45 p m	Rear 1521 Lucas av.	1	Old. Frame.	Mr. Barrett.	Man (col.	Stable.	Building fire on wood floor	100	25	125				10	2	12			
20	52	11:30 p m	Rear 1412 Olive st.	2	Brick	Mrs. Jones	Chas. A. Coulter	Sleeping Room.	Coal oil lamp.	12,000			10,000			113		113	113		113
21	225	7:01 a m	616 N. Broadway.	4	Brick.	Jno. Hartman	Phil. Frech	Watch and Jewelry Store	Gas jet												
21	76	1:40 p m	1206 N. 12th st.	2	Brick and Frame	Mrs. Meers.	Owner.	Dwelling	Children and matches	800	600	1,400	500	500	1,000	5	20	25	5	20	25
21	Still	2:25 p m	6950 Margaretta av	2	Frame.	H. Lowenstein	Owner.	Dwelling	Gasoline stove.	1,000	500	1,500				600	200	800			
21	418	5:40 p m	Unnecessary Alarm						Smoky flue.												
21	Still	6:19 p m	517 Poplar st	3	Brick	Maguire, Agent.	Tenant (Italian	Hot Tamale Shop.	Unknown.												
21	Still	6:41 p m	S. E. cor. Broadway and Locust st.	5	Stone Front	Oliver A. Hart	Hudson Clothing Co	Dining Room	Range resting on unprotected floor												
21	54	9:53 p m	False Alarm						False.												
22	Still	6:14 a m	N. W. cor. 23d and Atlantic sts.	2	Brick	Collier Shot Tower Co.	Owners.	Shot Mfg.	Sparks from smoke stack												
22	Still	8:33 a m	805 to 809 N. 3d st.	3	Brick		F. W. Brockman Com. Co	Comm. House.	Lighted candle upset												
22	284	3:20 p m	S. W. cor. 2d and Clinton sts.	1	Fr. Metal Clad.	Rosenbaum and H., Agents			Set by boys												
22	74	3:25 p m	821 Carr st		Kindling Wood.				Wood too near stove												
22	393	6:53 p m	15 S. Leonard av.	2	Old. Frame.	Mrs. Clemmia (col.)	Owner.	Dwelling	Coal oil lamp.	575						25		25			
22	272	7:26 p m	Rear 2717 Mills st.		Shed.	David Meehan	Owner.	Wood and Coal.	Hot ashes												
22	122	10:09 p m	Unnecessary Alarm						Burning out chimney												
22	393	10:26 p m	15 S. Leonard av						Rekindling.												
23	95	11:39 a m	1940-42 N. Broadway	2	Brick and Frame.	John T. Lambert.	Tenants	Store and Dwelling.	Sparks from chimney.	1,500			1,000			50		50	50		50
23	Still	1:58 p m	1312 S. 7th st.	2	Brick.	A. Thomas	Tenants	Store and Dwelling.	Unknown.	4,500			4,000			258		258	258		258
23	16	2:44 p m	Rear 813 Morgan st.		Porch.				Hot ashes												
23	331	3:24 p m	513 St. Charles st		Lunch Stand.	Gus. Sharer.	Owner.	Lunch Stand	Gasoline stove												
23	253	6:21 p m	1915 Franklin av	2	Old. Brick	Hartnett & Co., Agents	F. C. Bennett and J. M. Millican	Paint Shop and Carpenter Shop.	Unknown.	800	300	1,100		280		250	225	475		225	225
23	Still	6:27 p m	3711 Olive st.	2	Brick.		Mrs. J. D. Burth	Dwelling	Burning out chimney												
23	36	10:14 p m	200 N. Commercial st.	3½	Brick	Noonan, Agent	International Basket Co.	Basket Mfg	Unknown	6,000	2,500	8,500	5,000	2,000	7,000	600	2,200	2,800	600	2,200	2,800
23	2nd	10:19 p m	200 N. Commercial st	3½	Brick.	Noonan, Agent	J. H. Kracke.	Feed Store	2d Alarm.		8,200			7,622			505	505		505	505
23	Still	10:58 p m	Rear 711 Wash st.	2	Brick		Tenants (Italian).	Tenement.	Unknown.												
23	314	11:58 p m	2614 Locust st	2	Stone Front.	Mr. Kelley.	Mrs. Cooley	Dwelling.	Set by burglars												
24	44	2:17 a m	716 Olive st	2	Brick	Dan Catlin	J. L. Ennis	Candy Store.	Unknown.	9,000	16,000	25,000	8,700	16,000	24,700	460	5,450	5,910	460	5,450	5,910
24	44	2:17 a m	716 Olive st	2	Story	Dan Catlin	Brownell Tailoring Co	Tailoring Estab.	Unknown.		58,500			37,250			5,475	5,475		5,475	5,475
24	186	6:09 a m	2305 Olive st.	3	Brick	Mr. Duley.	Owner.	Dwelling.	Sparks from chimney.												
24	233	7:26 a m							False												
24	278	7:55 a m	3508 Atlantic st.	2	Brick	T. W. Brunner	Owner.	Store Room for Lime	Unknown.												
24	868	11:10 a m	5429 N. Broadway	2	Brick	Mrs. Satteler	Mrs. Jno. Pierson.	Dwelling.	Sparks from chimney.	2,500			2,000			50		50	50		50
24	18	1:03 p m	1217 N. 9th st.	2	Brick	Mrs. J. McCarthy.	Tenants	Dwelling	Sparks from chimney.												
24	345	4:14 p m	1126 Cass av.	3	Brick	B. Lame	Paul Brehn.	Bakery	Children and matches.		500						10	10			
24	Still	10:20 p m	2018 Wash st	2	Brick	M. Mathews, Agent	Mrs. Robinson	Dwelling	Defective flue												
25	Still	5:30 a m	N. E. cor. 2d and Chambers sts.	5	Brick	Mound Coffin Co.	Owners	Factory	Automatic spkl. let go												
25	283	7:35 a m	Rear 3103 Cass av	2	Frame.	P. J. Tucker	Owners.	Shed	Hot ashes												
25	445	11:07 a m	5408 S. Broadway.	2	Mansard Brick.	Chas. P. Chouteau.	Owners.	Dwelling.	Sparks from chimney	10,000			8,000			400		400	400		400
25	137	4:10 p m	False Alarm						False												
25	188	9:19 p m	Rear 3502 Pine st.		Shed	Mrs. Dr. Newman.	Tenants	Coal Shed	Hot ashes.	75						20		20			
26	522	9:13 a m	5870 Page boul.	2	Brick	Mrs. N. Cohnheim	Owner	Dwelling	Sparks from chimney												
26	966	10:07 a m	1839-41 S. 11th st.	2	Brick	Casper Urnbach	Tenants	Dwelling	Sparks from chimney												
26	313	1:58 p m	2301 Morgan st	2	Brick	A. Schuman	Robt. Washington (col.)	Saloon and Dwelling	Sparks from flue hole	2,000	500	2,500				25	100	125			
26	Still	2:36 p m	302-4 N. 10th st	2	Brick		S. G. Hodgins.	Shoemaker's Shop	Fire falling from stove.												
26	5187	3:55 p m	795 Aubert av	2	Brick	Mrs. Ellen Todd	Owner	Dwelling	From furnace	2,500	1,200	3,700	2,000	1,000	3,000	316	22	338	316	22	338
26	187	4:56 p m	Unnecessary Alarm.						Smoke from stove												
26	544	5:02 p m	S. E. cor. Sarah and Washington av.	1	Stone Front.	First Presbyterian Congregation		Church	Defective gas log												
26	61	8:32 p m	1117 Chestnut st	3	Brick.		Mrs. Fletcher	Rooming House	Falling soot												
27	Still	12:55 p m	2811 Washington av	3	Brick	E. J. Glasgow	Mrs. M. Zimmerman.	Dwelling	Overheated furnace.												
27	Still	4:20 p m	310 Channing av.	2	Brick	Hugh Brennan	O. M. Bonny	Butcher Shop	Unknown												
27	128	4:46 p m	N. E. cor. Broadway and Hickory st.	4	Brick	Mrs. Max Schulz	Owner	Dry Goods Store	Dropping lighted match.												
27	Still	6:25 p m	Unnecessary Alarm.			City of St. Louis		Court House	Bursted steam pipe.												
28	198	1:24 a m	1921 Olive st	2	Stone Front	Jno. G. Gosel.	H. L. Ames	Confectionery and Notions	Clothes too near range		1,500			1,200			50	50		50	50
28	21	11:42 a m	1206 Morgan st	1&2	Old Brick & Frame	Clem C. Benoist	Tenants (col.	Tenement.	Defective flue	500						10		10			
28	812	12:55 p m	Unnecessary Alarm						Burning weeds.												
28	Still	4:17 p m	1115 Clark av	3	Brick	L. D. Gebers	Owner	Restaurant	Electric wire												
28	963	4:35 p m	1043 Lafayette av.	2½	Brick	Mr. Fink	Mrs. Paters	Dwelling	Smoking cigarettes in bed.												
28	318	6:08 a m	2622 Dayton st	2	Stone Front.		Martin Jones.	Dwelling	Lace curtain too near lamp.												
28	Still	6:35 a m	1121 Montgomery st	2	Brick	R. Kinkade	Mrs. Holland.	Dwelling	Burning out chimney												
28	5105	7:52 p m	3809 Olive st	2	Brick	Mrs. Mary O'Brien	Owner	Dwelling	Unknown												
29	917	5:15 a m	1626 S. Bway	2	Brick	Mr. Lingenfelder.	Phil Nauert.	Butcher's Shop	Dropping lighted cigar												
30	5155	12:17 p m	4414 Delmar boul		Shed.	Saml. Bowman, Agent	Tenants	Wood and Coal.	Set by tramps	75						25		25			
31	422	9:45 a m	S. E. cor. Minnesota av. and Kansas st		No loss	Sisters of St. Joseph.	Owners	Academy	Burning of pan of grease												
31	234	7:31 p m	Unnecessary Alarm						Burning out chimney												
31	243	10:12 p m	Unnecessary Alarm						Burning weeds												
						Box Alarms, 101. Stills, 52.	Total, 153, of which 6 were false.			$349,825	$757,775	1107,600	$295 328	$664,447	$959,770	$14,794	$35,005	$49,799	$13,164	$34,003	$47,167

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

JANUARY, 1897.

DATE.	BOX.	TIME.	LOCATION.	CLASS OF BUILDING.		OWNER.	OCCUPANT.	FOR WHAT PURPOSE USED.	ORIGIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
1	823	12:04 a m	False Alarm						False												
1	297	12:31 a m	False Alarm						False												
1	Still	12:45 a m	3516 N. 14th st	2	Brick	Koch Livery Co	Owners	Livery and Undertaking	Defective flue												
1	18	12:47 a m	False Alarm						False												
1	18	1:16 a m	False Alarm						False												
1	927	4:21 a m	E. S. DeKalb bet. Barton and Trudeau sts	1	Brick and Frame	Mo. Car and Foundry Co	Owner	Engine Room	Sparks from cupola	$41,000	$65,000	$106,000	$38,000	$55,000	$93,000	$1,897	$713	$2,610	$1,897	$713	$2,610
1	169	8:09 p m	False Alarm						False												
1	552	11:29 p m	Rear 3571 Lindell av		Ash Box				Hot ashes												
2	454	8:15 a m	3921 Iowa av	2	Brick	Wm. Storm	Owner	Dwelling	Leaking gas pipe												
2	Still	9:00 a m	3930 Lee av	1	Frame	Presbyterian Congregation	Owner	Church	Electric converter												
2	95	8:15 p m	1913 to 21 N. Broadway	2	Brick	Hall and Brown	Owner	Machine Shop	Electric wire												
2	95	8:20 p m	False Alarm						False												
2	19	10:58 p m	1236 N. High st	2	Frame	Henry Weinhold	Owner	Dwelling	Unknown	300			200			25		25	25		25
3	24	1:32 a m	1501 Franklin av	3	Brick	Rutledge and Kilpatrick	Handelman Bros	Gents Furnishing Store	Unknown		2,500			2,060			30	30		30	30
3	77	10:10 p m	911 N. 9th st	2	Brick	Adolph Mueller	E. Toporoosky	Tailor Shop and Dwelling	Unknown	3,000	1,025	4,025	2,500	800	3,300	30	375	405	30	375	405
4	49	1:06 a m	1216 Pine st	2	Brick	Miller and Fairbault, Agents	Andrew Hoist	Saloon and Dwelling	Matches		1,600			1,350			210	210		210	210
4	599	1:15 a m	1463 Union av	2	Brick	Wm. Baggott	Owner	Dwelling	Defectively constructed grate												
4	566	2:43 a m	4255 Natural Bridge road	1	Frame	Jos. Reineke	Owner	Grocery	Unknown	1,050	1,200	2,250	1,063	1,000	2,063	675	912	1,587	675	912	1,587
4	566	2:43 a m	Adjoining E	1	Brick	Jos. Reineke	In course of construction		From the above												
4	566	2:43 a m	3907 Red Bud av	1	Frame	Jos. Reineke	Owner	Dwelling	From the above												
4	583	2:54 a m	False Alarm						False												
4	822	12:47 p m	1124 Angelica st	2	Brick	J. Jordan	A. Rodewald	Dwelling	Overheated stove		500						5	5			
4	252	5:21 p m	Unnecessary Alarm						Burning out chimney												
5	Still	9:25 a m	5095 Arsenal st	2	Brick	Haydel Bros., Agents	B. A. Hammett	Dwelling	Clothes too near stove		500						10	10			
5	243	9:44 p m	1707 Washington av	2	Brick	Dr. O'Reilly	B. Goldstein	Dwelling	Heating stove	1,800	1,500	3,300	1,000	1,500	2,500	50	200	250	50	200	250
5	144	10:18 p m	Rear 612 Walnut st		Sheds	Mrs. Phillips	A. B. Koenig	Wood and Coal	Incendiary	15						5		5			
6	262	12:50 a m	2209 O'Fallon st	2	Brick	Mrs. Nelson	Unoccupied	Dwelling	Defective flue	1,200			1,000			230		230	230		230
6	181	1:41 a m	Rear 3143 Franklin av	2	Frame	Hugh Campbell	Tenants	Wood and coal	Hot ashes												
6	181	1:41 a m	Rear 908 Compton av	3	Brick			Dwelling	From the above												
6	252	3:56 p m	1511 Wash st	2	Brick	C. P. Watts, Agent	Ben Whitney	Furnished Rooms	Gasoline stove		800						5	5			
6	249	5:05 p m	3425 Olive st	3	Brick	Kamme Bros	Miss Mary Sutter	Boarding House	Sparks from grate	2,500	800	3,300	2,050	500	2,500	22	57	79	22	57	79
6	671	5:39 p m	3553 S. Jefferson av	2	Brick	Mrs. Patthoff	T. Mechenfelder	Dwelling	Christmas tree		600			500			150	150		150	150
6	61	7:00 p m	17-19 S. 11th st	2	Brick	H. Grone R. E. Co	Goldmans Bros	Furniture Factory	Unknown	2,500	2,675	5,175	1,500	3,450	4,950	50	233	283	50	233	283
6	2nd	7:09 p m	17-19 S. 11th st	2	Brick	H. Grone R. E. Co	Goldmans Bros.	Furniture Factory	2d Alarm												
7	48	3:08 p m	115 N. 10th st	2	Brick	W. W. Withnell	A. Smith	Tailor's Shop	Tailor's gasoline iron	1,200	450	1,650	500	500	1,000	25	450	475	25	450	475
7	185	11:18 p m	21st and Market sts		Electric Car			St. Car	Electric converter												
7	Still	6:53 p m	3148 Locust st	2	Stone Front	Mrs. Lynch	Mrs. Roberts	Dwelling	Coal oil lamp												
8	391	12:26 a m	False Alarm						False												
8	Still	4:01 a m	Rear 1219 N. Garrison av		Shed	M. A. Wolf & Co., Agents	J. Ellison	Wood and Coal	Lighted candle												
8	Still	5:10 a m	112 Locust st		No loss				Defective spkler												
8	Still	4:34 p m	3811 W. Pine boul	3	Stone Front	Dr. Lawrence	Owner	Dwelling	Bursted water pipe												
8	Still	4:41 p m	3116 Sheridan av	2	Brick	Christian Peper	Owner	Dwelling	Overheated furnace												
8	Still	6:35 p m	1408 Chestnut st	2	Brick	E. F. Cooke	H. Glasgow	Dwelling	Defective flue												
8	113	9:53 p m	1101-3 N. 2d st	3	Brick	Allen Estate	Greengard and Ehrlich	Brass and Plate Mfg. Co.	Unknown												
8	113	9:53 p m	1101-3 N. 2d st	1&2	Story	Allen Estate	Colville Steam Pump Co.	Pump Factory	Unknown		10,000			7,500			300	300		300	300
9	373	6:43 a m	False Alarm						False												
9	Still	8:52 a m	711 St. Charles st	3	Brick		J. Silverberg	Tailor Shop	Gasoline stove		800			400			50	50		50	50
9	Still	3:55 p m	Rear 3129 Easton av	2	Brick and Frame	Frk. Velde	Mrs. Hession	Dwelling	Clothing too near stove												
9	Still	8:40 p m	S. E. cor. 9th and Cass av		Lumber	Phil. Gruner & Bro.	Owners	Lumber Yard	Incendiary												
9	Still	9:15 a m	1329 Market st		Awning	Mr. Ridgely	E. Muncheville	Dry Goods Store	Lighted cigar		25						5	5			
10	134	3:29 p m	914 Hickory st	2	Brick	Mr. Ellshouse	Hugo Sarner	Dwelling	Coal oil stove												
10	867	6:16 p m	464-6 Gano av	1	Frame	Adelia O'Hearn	Tenant	Dwelling	Defective flue	1,600			400			300		300	300		300
10	19	8:28 p m	Rear 1236 N. High st	2	Frame	Henry Reinholdt	Owner	Dwelling	Incendiary (supp'd)												
11	Still	12:15 a m	717 N. 8th st	3	Brick	Sol. Boehn	Chemical Mfg. Co.	Chemical Factory	Overheated stove												
11	442	3:41 a m	3700 Koeln st. (Cardt.)	1	Frame	American Brewery Co	J. Beyer	Dwelling	Defective flue	1,000	1,500	2,500		2,200		900	1,300	2,200		1,300	1,300
11	357	6:28 a m	Rear 2014 Eugenia st	1	Frame	Jno. Maguire, Agent	Chas. Noble	Stable	Hot ashes												
11	252	7:05 a m	713 N. 16th st	1	Frame	Harris & Wonderly, Agents	Jno. Meyers	Stable and Coal Office	Overheated stove												
11	Still	3:37 a m	1415 Market st	3	Brick	Leopold Kober	Memphis Harvey (col.)	Restaurant	Incendiary	3,500	1,000	4,500		850		75	56	131		56	56
11	Still	10:25 a m	3133 Sheridan av	2	Brick	Mr. King	Walter Walsh	Dwelling	Defective flue												
11	Still	5:21 p m	712 Pine st	3	Brick	Rutledge and K., Agents	Mrs. Wilson	Tailor Shop	Gasoline stove												
11	544	5:42 p m	Unnecessary Alarm						Burning out chimney												
11	Still	7:15 p m	51 Vandeventer place	2	Brick	Jno. S. Davis	Owner	Dwelling	Burning out chimney												
12	736	4:32 p m	630 Briggs av	2	Brick	Cr. Real Estate Co.	H. Curran	Dwelling	Unknown	1,800	550	2,350		400		300	55	355		55	55
12	736	4:32 p m	630 Briggs av		2nd Story	Cr. Real Estate Co	E. Schoffter	Dwelling	Unknown		350						10	10			
13	5163	12:45 a m	False Alarm						False												
13	14	6:48 p m	708-10 Lucas av	2	Brick	S. E. Freund	A. Cohn & Co	Shirt and Clothing Factory	Unknown	8,700	700	9,400	8,650	560	9,210	320	200	520	320	200	520
14	65	6:28 p m	Rear 109 N. 9th st	2	Brick	M. J. Liggett	Ratcliff Printing Co	Printing House	Unknown	2,700	4,220	6,920	2,500	2,350	4,850	48	665	713	48	665	713
14	65	6:28 p m	Rear 109 N. Ninth st		2nd Story	M. J. Liggett	Barrett Manufacturing Co	Roofing Paper Warehouse	Unknown												
14	144	10:50 p m	Rear 612-14 Walnut st		Water Closet	Jas. M. Carpenter, Agent	Tenants	Water Closets	Incendiary												
15	187	1:50 a m	906 S. Jefferson av	2	Brick	Mrs. Stoufe	A. Timberman	Second-hand Furniture Store	Unknown												
15	713	3:06 a m	Rear 3700 Chouteau av	2	Frame	Mrs. Kate Rooney	Unoccupied	Dwelling	Incendiary, supposed	1,800			1,500			86		86	86		86
15	Still	11:18 a m	2906 Pine st	3	Stone Front	Mrs. Mullen	Mrs. Colbert	Dwelling	Defective flue												
15	827	5:12 p m	4138 Blair av	2	Brick	M. Woelple	Owner	Dwelling	Unknown	1,900	900	2,800	1,600	900	2,500	20	167	187	20	167	187
15	77	10:30 p m	Rear 1914 N. 10th st	1	Frame	A. Boeck & Co., Agents	Ben. Friedman	Stable	Unknown	200	100					100	50	150			
15	77	10:30 p m	Rear 1912 N. 10th st	1	Brick and Frame	Mrs. McMahon	M. Potashnick	Stable	From the above	250	300					50	75	125			
15	77	10:30 p m	1916 N. 10th st	3	Brick	Mr. Vancord	Owner	Dwelling	From the above												
16	77	1:02 a m	Rear 1118 N. 10th st	2	Frame	A. W. Greenberg	Owner	Stable	Unknown	500						30		[illegible]			
16	Still	12:15 p m	1516 Pine st		No loss				Burning soot												
16	61	11:22 p m	1619 Pine st		No loss				Electric wire												
16	Still	11:05 p m	5340 Cote Brilliant av		No loss				Dropping lighted match												
16	26	11:15 p m	326 N. 3d st	4	Stone Front	Rice, Dwyer R. E. Co., Agents	Cappele Tailoring Co.	Tailoring Establishment	Unknown												
17	5163	3:44 a m	False alarm						False												
17	236	6:45 p m	Rear 722 S. 6th st	2	Brick	Anderson-Wade R. E. Co	Tenants (col.)	Tenement	Coal oil lamp		300						10	10			
17	5312	7:55 p m	Rear 3716 Cote Brilliante av		Rubbish				Unknown												
17	242	11:40 p m	N. E. cor. 18th and Olive sts	2	Brick			Merchants League Club	Steam pipe												
18	316	11:38 a m	208 S. Leffingwell av		No loss				Burning out chimney												
18	342	2:57 p m	1616 N. Broadway		Old. Brick	Central R. E. & Bldg. Co., Agents	P. James (col.)	Dwelling	Open flue hole												
18	125	4:53 p m	721 S. 4th st	2	Brick	Terminal R. R. Association	L. Shomberf	Dwelling	Dropping lighted cigar												
18	Still	6:08 p m	3047 Dickson st	2	Brick	Mr. [illegible]venport	H. Hollmer	Dwelling	Dropping lighted match												
18	61	6:33 p m	False Alarm						False												
18	Still	7:15 p m	Cor. Belt and Vernon avs.	2&3	Brick and Frame	J. F. Donovan & Co., Agents	Tenants	Drug Store, etc	Incendiary												
19	7226	1:39 p m	Rear 3829 Fairview av	2	Frame	H. Birkemeier	Owner	Stable	Unknown	500			300			200		200	200		200
19	7226	1:39 p m	Rear 3829 Fairview av		2nd Story	H. Birkemeier	Owner	Carpenter Shop	From the above		400			300			250	250		250	250
19	7226	1:39 p m	Rear 3827 Fairview av		Shed	Chas. Reiger	Owner	Wood and Coal	From the above												

896-97.

GIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
la	$41,000	$65,000	$106,000	$38,000	$55,000	$93,000	$1,897	$713	$2,610	$1,897	$713	$2,610
r												
	300			200			25		25	25		25
		2,500			2,000			30	30		30	30
	3,000	1,025	4,025	2,500	800	3,300	30	375	405	30	375	405
		1,600			1,350			210	210		210	210
ructed grate.												
	1,050	1,200	2,250	1,069	1,000	2,069	675	912	1,587	675	912	1,587
		500						5	5			
ney												
stove		500						10	10			
	1,800	1,500	3,300	1,000	1,500	2,500	50	200	250	50	200	250
	15						5		5			
	1,200			1,000			230		230	230		230
		800						5	5			
e..	2,500	800	3,300	2,000	500	2,500	22	57	79	22	57	79
		600			500			150	150		150	150
	2,500	2,675	5,175	1,500	3,450	4,950	50	233	283	50	233	283
iron..	1,200	450	1,650	500	500	1,000	25	450	475	25	450	475
r..												
pe												
ce												
		10,000			7,500			300	300		300	300
		800			400			50	50		50	50
stove												
		25						5	5			
	1,000			400			300		300	300		300
d.)												
e												
	1,000	1,500	2,500		2,200		900	1,300	2,200		1,300	1,300
	3,500	1,000	4,500		850		75	56	131		56	56
nney..												
nney												
	1,800	550	2,350		400		300	55	355		55	55
		350						10	10			
	8,700	700	9,400	8,650	560	9,210	320	200	520	320	200	520
	2,700	4,220	6,920	2,500	2,350	4,850	48	665	713	48	665	713
osed	1,800			1,500			86		86	86		86
	1,900	900	2,800	1,600	900	2,500	20	167	187	20	167	187
	200	100					100	50	150			
	250	300					50	75	125			
	500						10		10			
match												
		300						10	10			
nney												
cigar												
match												
	500			300			200		200	200		200
		400			300			250	250		250	250

-97.

	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$3,000	$400	$3,400	$1,000	$300	$1,300	$47	$100	$147	$47	$100	$147
	25						10		10			
	650	400		500			20	25	45	20		20
	2,000	1,000	3,000				175	300	475			
	800	500	1,300	600	500	1,100	500	200	700	500	200	100
	3,500											
	2,000	800	3,000	1,200	800	2,000	2,000	750	2,750	1,200	750	1,950
	2,000	700	2,700	1,200			2,000	375	2,375	1,200		1,200
	2,500	500	3,000	2,000			150	100	250	150		150
	3,000	800	3,800	2,900			1,000	400	1,400	1,000		1,000
	3,000	800	3,800	2,800			75	25	100	75		75
		600						100	100			
	3,500	800	4,300	2,500			235	25	260	235		235
	75						50					
	75						15					
	75						5					
		1,500			1,200			525	525		525	525
	500	400	900	400	200	600	50	20	70	50	20	70
		5,000			1,975			100	100		100	100
		1,250			1,500			90	90		90	90
		800						25	25			
		3,250			2,000			348	348		348	348
		600						30	30			
		800						100	100			
orse.	200	160	360				100	150	250			
	175	60					75	60	135			
	75						25		25			
	200			100			10		10	10		10
	1,250	600	1,850	1,100	500	1,600	814	470	1,284	814	470	1,284
	2,500	800	3,300	2,000	500	2,500	15	25	40	15	25	40
	7,000	,000	11,000	7,000	2,000	9,000	15	25	40	15	25	40
	18,000	,500	19,500	14,875	600	15,475	1,650	35	1,685	1,650	30	1,685
	4,000	,000	9,000		3,000		30	1,608	1,638		1,608	1,608
	1,300			1,250			20		20	20		20
	6,000			5,000			25		25	25		25
	3,000	500	3,500	2,000	300	2,300	100	67	167	100	67	167
	1,000	400	1,400				50	25	75			
	2,200			1,860			175		175	175		175
		,000			5,000			60	60		60	60
	1,500	200	4,700	800	2,200	3,000	50	444	494	50	444	495
		00			350			25	25		25	25
	2,500						150		150			
	175			100			50		50	50		50
	100						10		10			
	2,500						25		25			
	300						25		25			
ine..												
		,950			7,300			903	903		903	903
	$159,085	$14[illegible]65	$307,850	$113,830	$112,285	$226,124	$15,344	$14,048	$29,392	$11,379	$12,168	$23,747

	2,500	0	3,300				100	50	150			
		00			400			81	81		81	81
	2,000	500	2,500	1,500			50	25	75	50		50

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

JANUARY, 1897.—Continued.

				Class of Building.																	
Date.	Box.	Time.	Location.	No. of Stories.	Material.	Owner.	Occupant.	For What Purpose Used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
19	21	7:43 p m	1420 Wash st	2	Brick	Caroline and Phil. Boehn	Otto S. Hirsch	Artist's Studio	Unknown	$3,000	$100	$3,100	$1,000	$300	$1,300	$47	$100	$147	$47	$100	$147
20	318	4:34 a m	Rear 2307 Biddle st		Shed	Mrs. Finnegan	Owner	Wood and Coal	Unknown	25						10		10			
20	318	4:34 a m	2309 Biddle st	1	Frame	J. Walker	Owner	Dwelling	From the above	650	400		500			20	25	45	20		20
[illegible]	Still	[illegible] a m	6024 S. Broadway	2	Brick	Johnson Bros	Owner	Tin Foil Manufacturing Co	Hot ashes												
20	69	3:18 p m	Unnecessary Alarm						Smoke from burning pitch												
20	629	5:50 p m	Unnecessary Alarm						Burning out chimney												
21	512	[illegible] a m	False Alarm						False												
21	96	5:17 p m	1615-17 N. 7th st	2	Brick	Jno. F. Luking	Owner	Wagon Factory	Ignition of naphtha vapor	2,000	1,000	3,000				175	300	475			
22	[illegible]	3:25 a m	Rear 3042 Vine Grove av	1½	Frame	Jno. Paule	T. Sullivan	Dwelling	Defective flue	800	500	1,300	600	500	1,100	500	200	700	500	200	700
22	27	5:57 a m	1027 Morgan st	3	Brick	Andreas & G., Agents	Tenants	Tenement	Defective flue	3,500											
22	5121	10:59 a m	6137 Suburban av	2	Frame	E. Maloney	Owner	Dwelling	Unknown	2,000	800	3,000	1,200	800	2,000	2,000	750	2,750	1,200	750	1,950
22	2nd	11:32 a m	6139 Suburban av	2	Frame	Geo. Brocks	Owner and Tenant	Dwelling	From the above	2,000	750	2,750	1,200			2,000	375	2,375	1,200		1,200
22	2nd	11:32 a m	6141 Suburban av	2	Brick	I. J. Farrell	Edw. Kaufman	Dwelling	From the above	2,500	500	3,000	2,000			150	100	250	150		150
22	2nd	11:32 a m	6135 Suburban av	2	Brick	Julius Groschke	Owner	Dwelling	From the above	3,000	800	3,800	[illegible]			1,000	400	1,400	1,000		1,000
22	2nd	11:32 a m	6129 Suburban av	2	Brick	S. Merton	E. Lucas	Dwelling	From the above	3,000	800	3,800	2,800			75	25	100	75		75
23	84	2:50 a m	Near 12th and Gratiot sts		Shed	R. R. Co.			Unknown												
23	283	4:08 p m	Unnecessary Alarm						Smoky chimney												
23	75	6:10 p m	402 S. 7th st	3	Brick	Mr. Dowal	J. Burnstein	Second hand Clothing Store	Coal oil lamp		600						100	100			
23	Still	[illegible]:56 p m	1317 Carr st	2	Brick	A. Mol	A. Sundlowitz	Dwelling	Defective flue												
23	986	10:10 p m	1838 Victor st	2	Stone Front	A. Roeslein	Ernst Cramer	Dwelling	Coal oil stove	1,500	800	[illegible]	2,500			235	25	260	235		[illegible]
23	188	10:57 p m	Rear 3411 Chestnut st		Shed	C. Friedman	Owner	Wood and Coal	Unknown	75						5					
23	188	10:57 p m	Rear 3415 Chestnut st		Shed	Fannbrill & McDowal	Tenant	Wood and Coal	From the above	75						15					
23	188	10:57 p m	Rear 3409 Chestnut st		Shed	S. E. Grote	Owner	Wood and Coal	From the above	75						5					
24	49	1:26 a m	False Alarm						False												
24	327	7:02 a m	3018 Locust st			Mrs. A. B. Lansing	Owner	Dwelling	Sparks from chimney												
24	21	4:31 p m	1213 Franklin av	2	Brick	Thos. F. Farrelly, Agent	Baltimore Tailoring Co	Clothing Store	Unknown		1,500			1,200			525	525		525	525
24	525	5:43 p m	2929 Bacon st	1	Frame	Hy. Hartman	Owner	Dwelling	Defective flue	300	100	400	400	200	600	50	20	70	50	20	70
24	Still	10:22 p m	3414 Laclede av	3	Stone Front	Mrs. Mary E. Seigle	Owner	Dwelling	Defective grate		5,000			1,975			100	100		100	100
25	Still	3:30 a m	False Alarm						False												
25	[illegible]	6:18 a m	3400 Laclede av	3	Brick	Mr. Mitchel	Mrs. Coplin	Bakery	Unknown		1,250			1,500			90	90		90	90
25	[illegible]	8:14 a m	1109 S. Jefferson av	2	Brick	Mrs. Wright	Carl Wall	Bakery	Unknown		800						25	25			[illegible]
25	419	8:20 a m	7122 S. 7th st	2	Frame	Hill and Hammel, Agents	Tenants	Tenement	Defective flue												
25	194	9:34 a m	2116 Franklin av	3	Brick	R. O. Nelson	P. T. Conway	Dry Goods and Notions	Overheated stove		3,250			2,000			318	348		348	348
25	[illegible]	11:55 a m	1624 S. 13th st	2	Brick	Wm. Zika	Tenants	Dwelling	Defective flue		600						30	30			
25	[illegible]	4:29 p m	4005 N. Broadway	2	Brick	Lena Frida	Owner	Dwelling	Sparks from chimney												
25	[illegible]	7:08 p m	Unnecessary Alarm						Burning out chimney												
25	577	9:07 p m	1009 Thornby place	2½	Frame	Mrs. Mollie W. Jackson	Owner	Dwelling	Defective flue												
26	Still	5:16 a m	1426 Hebert st	2	Brick	Jno. Langer[illegible]	Owner	Dwelling	Unknown		800						100	100			
26	721	5:55 a m	Rear 4039 Easton av	1	Frame	Robt. McDonald	W. H. Meyers	Stable	Coal oil lamp kicked over by horse	250	150	300				100	[illegible]	275			
26	721	5:55 a m	Rear 4037 Easton av	1	Frame	Robt. McDonald	Jos. Mansfield	Stable		175	[illegible]					[illegible]	[illegible]	135			
26	721	5:55 a m	Rear 4039½ Easton av	1	Frame	Robt. McDonald		Coal Shed		75						25		25			
26	721	5:55 a m	Rear 4035 Easton av	2	Frame	Peter Caughan	Owner	Stable	Above fire	[illegible]			100			10		10	10		10
26	5121	[illegible] a m	Unnecessary Alarm																		
26	771	[illegible] a m	5242 Old Manchester road	1	Frame	Mr. Voelker	Austin Sta[illegible]	Dwelling	Coal oil thrown in stove	1,250	600	1,850	1,100	500	1,600	811	470	1,281	811	470	1,281
26	72[illegible]	7:[illegible] a m	False Alarm						False												
26	[illegible]	11:33 a m	Unnecessary Alarm						Burning out chimney												
26	[illegible]	[illegible] p m	2906 Newstead av	2	Brick	Chas. Hellwede	Owner	Dwelling	Unknown	2,500	800	3,300	2,000	500	2,500	15	25	40	15	25	40
26	[illegible]	[illegible]	E. St. Louis, Ill.						Leaking oil ignited												
27	Still	[illegible]	4472 Forest Park boul	2	Stone Front	E. Cortley	Owner	Dwelling	Defective grate	7,000	4,000	11,000	7,000	2,000	9,000	[illegible]	[illegible]	[illegible]		25	[illegible]
27	44	[illegible] a m	N. W. cor. 8th and Chestnut sts		Brick	Mathews R. E. Co., Agents	Tenants	Rooms and Offices	Defective flue	18,000	1,500	19,500	11,875	600	12,475	[illegible]	[illegible]	1,685	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible] a m	1743 Waverly Place boul	3	Stone Front	Geo. Kahn	L. L. Meier	Dwelling	Defective fire place	4,000	5,000	9,000		3,000		[illegible]	1,008	[illegible]		1,008	[illegible]
27	Still	[illegible] a m	[illegible] N. 17th st	2	Brick	Louis Meyer	Owner	Dwelling	Clothing too near stove		4										
27	[illegible]	4:[illegible] p m	3117 Missouri av	1	Frame	Mr. Bogart	Mr. Schnider	Dwelling	Defective flue												
27	[illegible]	[illegible] p m	Rear 618 Walnut st		Water Closet	Jas. M. Carpenter, Agent	Tenants	Water Closet	Incendiary												
28	[illegible]	12:48 a m	[illegible] N. Grand av		No Fire				Bursting of water pipe												
28	[illegible]	[illegible]:20 a m	3039 Hickory st	2	Brick	Mrs. L. Stetman	A. Marsailler	Grocery	Unknown	1,500			1,250			[illegible]		[illegible]	[illegible]		[illegible]
28	[illegible]	[illegible]:22 a m	[illegible] S. [illegible] st	3	Brick	The Walther College Assn	Owner	School	Furnace pipe	[illegible]			[illegible]			[illegible]		[illegible]	[illegible]		[illegible]
28	[illegible]	[illegible]:30 p m	N. E. cor. Main and Chambers sts		No Fire				Automatic spkl. head let go												
28	[illegible]	[illegible]:53 a m	7224 N. Broadway	2	Frame	[illegible] Gorman	Owner	Stable	Unknown												
28	[illegible]	9:12 p m	[illegible]	2	Brick	Mrs. Langenc	Mr. Schaefer		Coal oil lamp explosion	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]:56 a m	3912 Natural Bridge rd	1	Frame	Mrs. M. Masterson	Owner	Restaurant and Sleeping Rooms	Overheated stove	[illegible]	[illegible]	[illegible]				[illegible]	25	[illegible]			
[illegible]	[illegible]	[illegible]:42 a m	[illegible]	2	Frame	Mrs. Kate Rooney	Unoccupied	Dwelling	Incendiary (supposed)	[illegible]			1,800			[illegible]		[illegible]	175		[illegible]
[illegible]	[illegible]	4:05 a m	[illegible] Finney av	2	Stone Front	Lena Taylor	W. S. Hammett	Dwelling	Unknown		6,000			[illegible]							
[illegible]	[illegible]	[illegible] a m	[illegible] N. Broadway	1	Brick	Jno. Diaz	Jno. Gebauer	Coffee Factory	Coal oil lamp explosion	[illegible]	3,200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	441	[illegible]	[illegible]	441	[illegible]
[illegible]	Still	[illegible] a m	[illegible] Clark av		Brick			Dwelling	Overheated stove												
[illegible]	[illegible]	[illegible] a m	[illegible] Convent st		Brick	Anton Griesedieck	Tenants	Tenement	Defective grate												
[illegible]	Still	12:45 p m	False Alarm						False												
[illegible]	324	12:38 p m	Unnecessary Alarm						Burning out chimney												
[illegible]	[illegible]	[illegible]	Rear 4350 Morgan st		Ash Pit	B. L. Slack	Owner	Ash Pit	Hot ashes												
[illegible]	[illegible]	[illegible]	2221 Walnut st	2	Brick	Kaime Bros., Agents	J. R. Cunningham	Dwelling	Thawing out water pipe												
[illegible]	[illegible]	[illegible]	[illegible] Lucas av		Brick	[illegible] Foote	H. W[illegible]	Barber Shop	Defective flue		500			[illegible]			[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Foot of Marceau st		Steam Boat			Steamboat	Unknown												
[illegible]	[illegible]	[illegible]	2801 Chippewa st	2	Brick	F. W. Westlock	A. Kuhn and L. Kaime	Dwelling	Unknown	2,500						[illegible]		[illegible]			
[illegible]	[illegible]	[illegible]	Rear 317-319 S. Garrison av		Sheds	Andrew Diemert		Wood and Coal	Hot ashes	175			500			[illegible]		[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	Rear 315 S. Garrison av		Sheds	Isabel Kaime		Wood and Coal	From the above	[illegible]						[illegible]		[illegible]			
[illegible]	[illegible]	[illegible]	321 S. Garrison av	2	Brick	Meagher and Nagle, Agents	Tenant	Dwelling	From the above	[illegible]						[illegible]		[illegible]			
[illegible]	[illegible]	[illegible]	706 Chouteau av	2½	Brick	Mrs. Manny	Chas. Goodenough	Dry Goods and Notions	Ignition of leaking gas												
30	Still	[illegible] a m	Mo. Pac. R. R. S. of Chouteau av	1	Frame	Mr. Bohn	Owner	Dwelling	Unknown	[illegible]						[illegible]		[illegible]			
31	[illegible]	[illegible] a m	Unnecessary Alarm						Burning out chimney												
31	[illegible]	[illegible] p m	912 Gratiot st	2	Brick	Julia Golden Estate	Jas. P. Grimley	Grocery Store	Drpg. lighted match near gasoline												
31	[illegible]	[illegible] p m	2829 Lucas av	2½	Brick	Jno. Blake, Agent	Mrs. Jas. Lancton	Dwelling and Soap Powder Factory	Defective grate		1,500			750			[illegible]	[illegible]		963	963
31	1[illegible]4	9:[illegible] p m	False Alarm						False												
						Box Alarms, 116. Stills, 38. Total, 154, of which 18 were false.				$150,[illegible]	$48,8[illegible]	[illegible]	[illegible]	$12,2[illegible]	$[illegible],121	$15,[illegible]	$14,048	$29,392	$11,3[illegible]	$12,16[illegible]	$23,717

FEBRUARY, 1897.

Date.	Box.	Time.	Location.	No. of Stories.	Material.	Owner.	Occupant.	For What Purpose Used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	[illegible]	3:5[illegible] p m	Unnecessary Alarm						Smoky flue												
1	253	4:52 p m	821 N. 20th st	2	Brick	Frank Schram	Mrs. Mary Statt	Furnished Room	Defective flue	2,000	800	[illegible]				[illegible]	[illegible]	[illegible]			
1	97	7:02 p m	1117 N. 12th st	2	Brick	H. C. Hymann	Chas. A. Miller	Dwelling	Coal oil lamp		500			400			81	81		81	81
1	Still	7:30 p m	2616 Laclede av	3	Stone Front	Chas. H. Peck	F. W. Mann	Dwelling	Thawing out water pipe												
1	Still	9:40 p m	N. E. cor. 7th and Clark av						False, automatic bell												
2	Still	12:55 a m	St. Louis Union Stock Yards						False, automatic bell												
2	834	6:24 p m	1932 Sullivan av	2	Brick	Wm. Piel	J. Holster	Dwelling	Coal oil lamp upset	[illegible]	[illegible]	[illegible]	1,500			[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
3	Still	12:04 a m	Rear 705 Pine st		Shed		Book-maker	Betting Stand	Unknown												
[illegible]	[illegible]	12:[illegible] p m	17[illegible] Chestnut st	3	Brick			Dwelling	Sparks from chimney												

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

FEBRUARY, 1897.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For what Purpose Used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
3	5153	5:24 p m	3805 Olive st	2	Brick	Geo. Cameron	G. W. Reynolds	Dwelling	Hot irons		$3,000			$2,000			$175	$175		$175	$175
4	38	12:04 a m	317 Market st	2	Brick	M. R. Collins, Agent	Wm. Harrington	Dwelling	Coal oil lamp		500						[illegible]	[illegible]			
4	629	2:50 a m	2847 Arsenal st	2	Brick	Mrs. Catherine Longenett	J. Botto	Dwelling	Unknown	$1,500	650	$2,150	$1,200	500	$1,700	$300	150	450	[illegible]	[illegible]	450
4	629	2:50 a m	2849 Arsenal st	2	Brick	E. H. Nation	J. Hadich	Dwelling	From the above		800			500			50	50		50	50
4	629	2:50 a m	2845 and 45½ Arsenal st	2	Brick	Frank Soukup	Owner and A. Vogedt	Dwelling	From the above	5,000			3,750			255		255	255		255
4	343	9:53 a m	Unnecessary Alarm						Burning out chimney												
4	Still	3:46 p m	605-7 N. 2d st	2	Brick	No Loss	Vacant		Set by tramps												
4	323	4:48 p m	2719a Lucas av	2	Brick	Reilly & Co., Agents	J. M. Woods	Furnished Rooms	Unknown												
4	Still	6:34 p m	4208 W. Belle place	2	Brick	Dr. H. R. Koffer	Owner	Dwelling	Gas jet												
4	Still	7:50 p m	N. E. cor. Main and Biddle sts		No Fire				Automatic spkl. let go												
4	Still	11:25 a m	617 Lucas av	2	Brick		J. J. Ryan Hat Co	Straw Hat Factory	Bleaching—fire												
5	Still	12:03 a m	Bet. Chippewa and Winnebago on I. M. R. R.	1	Frame	St. Louis Sash Weight Co	Owner	Store Room	Unknown												
5	237	5:59 a m	300-2 South 4th st	4	Brick	Murphy Varnish Co	Owner	Office and Warehouse	Spon. comb. (supp.)	14,000	30,500	44,500		[illegible]		50	113	163		113	113
5	2nd	6:01 a m							2d Alarm												
5	Still	7:14 a m	3726 N. 21st st	2	Brick	G. Hine	G. Faruholtz	Dwelling	Burning out chimney												
5	Still	10:24 a m	5447 Easton av	3	Brick	A. C. Hart	Dr. F. F. Varney	Drug Store and Dwelling	Burning out chimney												
6	391	10:58 a m	False Alarm						False												
6	Still	12:35 p m	False Alarm						False												
6	367	7:43 p m	Unnecessary Alarm						Burning out chimney												
7	Still	5:47 p m	3110 Brantner place	2	Brick	Pat. Cooney	Thos. Bull	Dwelling	Defective flue												
7	Still	8:15 p m	1013 Grattan st	2	Brick	Mr. Stocker	Mrs. Hartman	Dwelling	Burning out chimney												
7	144	9:16 p m	Rear 612 Walnut st		Shed	Mrs. Phillips	Tenants	Wood and Coal	Incendiary												
8	118	9:07 a m	1439-41 N. Broadway	2	Brick	Gerhard Kreienbaum	Tenants	Dwelling	Defective flue												
8	Still	7:58 p m	Main and Biddle sts						Automatic False												
8	313	7:16 p m	2933 Morgan st		No loss				Burning out chimney												
8	Still	9:00 p m	S. W. cor. 9th and Howard sts		Brick	Nixdorff & Krein	Owners	Chain Factory	Defective flue												
8	221	11:38 p m	709-11 Lucas av	6	Brick	Barada & Ghio, Agents	J. Abeles & Co	Clothing Manufactory	Unknown	30,000	[illegible]	60,000	20,000	25,500	45,500	1,775	[illegible]	[illegible]	1,775	[illegible]	[illegible]
9	Still	9:58 a m	512 N. Leonard av	2	Stone Front	Keane & Grace, Agents	Mrs. McCarthy	Dwelling	Defective flue												
9	628	6:06 p m	False Alarm						False												
10	128	2:09 a m	1215 S. Broadway	2	Brick	A. Whippermann	H. Schuchat	Queensware Store	Heating stove	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
10	Still	6:40 a m	2139 Biddle st	2	Brick	Bradley & Quinnett, Agents	Aug. Claury	Bakery	Overheated oven												
11	323	12:55 p m	412 N. Leffingwell av	2	Brick	Mrs. Beggs	Owner	Dwelling	Defective flue												
11	Still	3:53 a m	1530 N. 17th st		No loss				Burning out chimney												
11	Still	7:00 p m	2019-25 Morgan st	2	Brick	N. C. Nelson	National Guards of Missouri	Battery A	Electric cross wire												
11	9114	8:54 p m	R. R. Tracks N. of Lesperance st		Coal Chute	Missouri Pacific Ry. Co.	Owner	Coal Chute and Tool Room	Unknown												
11	725	9:05 p m	Gravois rd and Grace av	1	Frame	Union Depot R. Co	Owner	Tool House	Electric wire	[illegible]						[illegible]		[illegible]			
12	24	7:01 p m	1316 Wash st	2	Brick	L. Spelbrink	Tenants (col.)	Dwelling	Defective flue	[illegible]						[illegible]		[illegible]			
12	23	11:04 p m	719 N. 11th st	2	Brick	Chas. Kirschbaum	Tenants (Italians)	Dwelling	Defective flue	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]			
12	Still	11:57 p m	307 Miller st	2	Brick	Wm. Kackritz	Owner	Grocery Store	Unknown												
13	164	6:45 a m	Unnecessary Alarm						Smoky chimney												
13	18	9:12 a m	Unnecessary Alarm						Smoky chimney												
13	332	11:11 p m	N. E. cor. Collins and Ashley sts	1	Ft. Iron Clad	Standard Foundry Co	Owner	Foundry	From core oven	6,000	15,000	21,000	5,500	13,000	18,500	3,700	6,300	10,000	3,700	6,300	10,000
13	2nd	11:22 p m							2nd Alarm												
14	385	6:05 p m	1835 Chouteau av	2	Stone Front	Hennessey, Agent	Mrs. Anna Kensbeger	Dwelling	Hot ashes		[illegible]										
14	Still	7:24 p m	4221 Lee av	2	Frame	G. A. Slattery	W. A. O'Dell	Dwelling	Defective flue								[illegible]	[illegible]			
15	Still	7:25 a m	N. W. cor. Main and Plum sts	2	Brick	Regina Flour Mill Co	Owners	Flour Mill	Sparks from smoke stack												
15	577	8:55 p m	928 Hamilton av	1	Frame	Geo. Logan	Owners	Dwelling	Unknown	1,200	500	1,700	800	300	1,100	150	100	250	150	100	250
16	318	1:20 a m	2225 Division st	1	Frame	Kaime Bros., Agents	Vacant	Dwelling	Unknown	600			600			100		100	100		100
16	331	3:46 a m	False Alarm						False												
17	Still	1:25 a m	610 Olive st	3	Brick	Shaw Estate	Mo. Medical College	Office	Hot ashes												
18	5166	12:24 a m	Rear 4246a Garfield av	2	Frame	James Lee	Owner	Stable	Unknown	250			250			200		200	200		200
18	5166	12.24 a m	Rear 4242 Garfield av		Shed	James Lee	Tenant	Wood and Coal	From the above												
18	322	4:22 a m	3327 Laclede av	2	Stone Front	Anderson-Wade, Agents	Mrs. L. P. Clymer	Boarding House	Coal oil lamp upset		600			300			81	81		81	81
18	41	6:04 a m	Unnecessary Alarm						Flash from electric wire												
18	Still	7:15 a m	Broadway and Valentine st		Street Car	St. Louis R. Rwy. Co.		St. Car	Stove in car												
18	319	9:34 a m	2737 Thomas st	2	Brick	Jno. Cudmore	Mrs. T. Vaton	Dwelling	Boiling over of kettle of fat		[illegible]						[illegible]				
18	Still	[illegible] p m	[illegible] Washington av	2	Stone Front	P. [illegible]	Owner	Dwelling	Coal oil stove												
18	Still	7:21 p m	[illegible] S. Compton av	2	Brick	Annie Crebach	Owner	Dwelling	Coal oil lamp												
18	291	7:41 p m	S. W. cor. 9th and Howard sts	1	Brick	Nixdorf-Krein Mfg. Co	Owner	Blacksmith Shop	Defective flue		3,500			3,070			46	46		46	46
18	Still	8:15 p m	827 S. 18th st	2	Stone Front	J. H. Cram	Mrs. Dr. Mary Johnson	Dwelling	Defective flue												
18	424	10:43 p m	False Alarm						False												
19	261	5:51 a m	2121 O'Fallon st	2	Brick	Geo. N. Truesdale	Tenants (col.)	Dwelling	Unknown	2,500			2,000			70		70	70		[illegible]
19	121	6:02 a m	1410 Papin st	3	Brick	Ernest Eberlin	James O'Grady	Dwelling	Gasoline stove	2,000	500	2,500	1,000			100	125	225	100		[illegible]
19	615	12:12 p m	1410 S. Ewing av	2	Brick	Mrs. A. E. Gilbert	Owner	Dwelling	Sparks from chimney												
19	Still	2:58 p m	Main and Ferry sts		Fence	Laclede Rolling Mill Co	Owner	Wood Fence	Sparks from locomotive												
20	5132	12:29 p m	N. W. cor. Vandeventer av	1	Frames	Sportsman's Park	Owner	Stables	From stove (prob.)	4,500	800	5,300				3,000	250	3,250			
20	2nd	12:42 p m	Hebert st			Asso. Station	Owner		2d Alarm												
20	3122	2.07 p m	Rear 3007 Wyoming st	1&2	Frame	Dedrick Samke	Owner	Stable	Boy and cigarettes	275	100	375	200								
20	3122	2:07 p m	Rear 3007 Wyoming st	2	Brick	Dedrick Samke	Owner	Dwelling	From the above							[illegible]	[illegible]	[illegible]	[illegible]		
20	113	7:59 p m	1024 26 N. Main st	2	Brick	J. M. Carpenter, Agent	Fisher and Davis	Machine Shop	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	Still	10:15 p m	706 S. 3d st	1	Brick	Cavender and Thompson, Agents	Vacant	Dwelling	Unknown												
21	122	4:00 a m	1004-6 Franklin av	1½	Frame	H. Dinkelman	T. Dodge	Dwelling	Defective flue												
21	122	4:00 a m	1004-6 Franklin av		1st story	H. Dinkelman	T. A. Gastein	Clothing Store	Defective flue												
21	72	5:26 a m	Bet. 6th and 7th Rear Walnut st		Water Closet			Water Closet	Incendiary (suppd.)		2,500			1,800			35	35		[illegible]	[illegible]
21	5173	8:00 a m	4366 Maryland av	1½	Rock	D. J. Hayden, Agent	C. M. Thornburg	Dwelling	From furnace	2,500	800	3,300		2,000		375	200	575	375		375
21	755	11:23 a m	Unnecessary Alarm						Burning out chimney												
21	253	2:57 p m	N. E. cor. 19th and Lucas av		Church	St Nicholas German Church		Church	Defective flue												
21	437	6:42 p m	2948 S. Broadway	2	Brick	Mrs. Luther	Leo. Rush	Shoe Store	Unknown												
21	5121	9:25 p m	6100 Bartmer av	2	Brick	Mrs. B. McGrath	E. J. Gloster	Grocery Store	Coal oil lamp	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
21	5121	9:25 p m	6100 Bartmer av		2d story	Mrs. B. McGrath	Ed. Gentle	Dwelling	Matches		[illegible]						[illegible]	[illegible]			
21	Still	10:14 p m	[illegible] S. 3d st	1	Brick	Cavender and Thompson, Agents	Vacant		Unknown												
22	Still	6:55 a m	2321 Walnut st	2	Brick	H. Hemenz, Agent	C. H. Burd and J. L. Neville	Dwelling	Pouring coal oil in stove												
22	115	6:54 a m	N. W. cor. Franklin av. and 1st st	2	Frame	Burlington R. R.	Owners	Freight Depot	Electric wire												
22	254	2:57 p m	False Alarm						False												
22	442	8:29 p m	False Alarm						False												
23	181	12:44 a m	Unnecessary Alarm						Smoke from baker's oven												
23	248	6:59 a m	13th and Gratiot sts		No loss	Waters-Pierce Oil Co	Owners	Rosin Still	Cracking of rosin still												
23	Still	10:46 a m	Rear [illegible] Olive st	1	Frame	Prof. John Mahler	Mrs. Rust	Wood and Coal	Hot ashes	[illegible]						[illegible]		[illegible]			
23	[illegible]	5:43 p m	4048 Lindell boul	2	Brick	J. H. Loudeman	Owner	Dwelling	Defective gas pipe												
24	41	2:24 p m	N. 3d bet. Pine and Chestnut sts	5	Stone Front	Merchants Exchange Association	Roeslein and Robyn	Office Building	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	2nd	2:27 a m	N. 3d bet. Pine and Chestnut sts	5	Stone Front	Merchants Exchange Association	Geo. D. Capen & Co	Office Building	2d and 3d alarms		[illegible]			[illegible]							
24	3rd	2:27 a m	N. 3d bet. Pine and Chestnut sts	5	Stone Front	Merchants Exchange Association	Frank C. Chase	Office Building	2d and 3d alarms		[illegible]			[illegible]			[illegible]	[illegible]			
24	3rd	2:27 a m	N. 3d bet. Pine and Chestnut sts	5	Stone Front	Merchants Exchange Association	W. H. Markham and Son	Office Building	2d and 3d alarms		600			500						67	67
24	3rd	2:27 a m	N. 3d bet. Pine and Chestnut sts	5	Stone Front	Merchants Exchange Association	Langenberg Bros. & Co.	Office Building	2d and 3d alarms		500			400							

896-97.

N.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
		$3,000			$2,000			$455	$455		$455	$455
		500						10	10			
	$1,500	650	$2,150	$1,200	500	$1,700	$300	150	450	$300	150	450
		800			500			50	50		50	50
	3,000			3,750			255		255	255		255
	10,000	30,500	40,500		25,500		50	113	163		113	113
	30,000	30,000	60,000	20,000	25,500	45,500	1,758	19,165	20,923	1,758	19,165	20,923
	5,000	2,900	7,900		2,500		100	2,160	2,260		2,160	2,160
	800						25		25			
	1,500						15		15			
	2,000	500	2,500				85	10	95			
	6,000	15,000	21,000	5,500	13,000	18,500	3,700	6,300	10,000	3,700	6,300	10,000
		500						10	10			
	1,200	500	1,700	800	300	1,100	150	100	250	150	100	250
	600			600			100		100	100		100
	250			250			200		200	200		200
re.		600			300			81	81		81	81
		800						5	5			
		3,500			3,070			46	46		46	46
	2,500			2,000			70		70	70		70
	2,000	500	2,500	1,000			100	125	225	100		100
	4,500	800	5,300				3,000	250	3,250			
	275	100	375	200			100	25	125	100		100
	9,000	18,200	27,200	8,000	16,800	24,800	275	1,727	2,002	275	1,727	2,002
		2,500			1,800			35	35		35	35
	2,500	800	3,300		2,000		375	200	575	375		375
	6,000	1,000	7,000	4,000			2,000	600	2,600	2,000		2,000
		800						500	500			
	100						10		10			
	525,000	350	525,350	450,000	300	450,300	36,065	60	36,125	36,065	60	36,125
		1,000			750							
		600			500			67	67		67	67
		600			500							
		500			400							

97.

Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
	$600			$500							
	600			500							
	600			500							
	600			500							
$1,500	500					$800	$200	$1,000			
1,500	400					700	175	875			
1,600	800					500	200	700			
1,500						800		800			
1,500						800		800			
4,500	2,200	$6,700	$4,000	2,100	$6,100	120	450	570	$120	$450	$570
	500						5	5			
4,000	3,400	7,400	3,500	2,800	6,300	749	741	1,490	749	741	1,490
3,500						75		75			
1,800	600	2,400	1,500	500	2,000	1,700	25	1,725	1,700	25	1,725
	600			500			25	25		25	25
5,000	6,000	11,000	4,000	5,000	9,000	105	120	225	105	120	225
1,800	600	2,400	1,500			65	15	80	65		65
3,000	1,000	4,000				175	100	275			
1,400	500	1,900	1,300			253	75	328	253		253
$650,825	$138,800	$789,625	$516,600	$107,520	$624,120	$55,725	$34,531	$90,256	$48 490	$31,951	$80,441

1,700	2,000	3,700	1,600	1,800	3,400	1,500	1,000	2,500	1,500	1,000	2,500
1,500	1,200	2,700	1,000	1,000	2,000	244	200	444	244	200	444
25						15		15			
	800			600			10	10		10	10
1,500	600	2,100	1,000			75	10	85	75		75
18,000	7,000	25,000		6,500		150	2,285	2,435		2,285	2,285
30,000	10,000	40,000	20,000	5,000	25,000	150	43	193	150	43	193
259,000	103,000	360,000	207,200	90,500	297,700	1,188	4,000	5,188	1,188	4,000	5,188
1,200	3,500	4,700	700	3,000	3,700	25	175	200	25	175	200
3,500	1,000	4,500				75	100	175			
100,000			100,000			285		285	285		285
5,000	248,256	253,256	3,500	2,000	5,500	175	1,750	1,925	175	1,750	1,925
4,000	1,000	5,000				75	10	85			
2,500	800	3,300				15	50	65			
75						15		15			
1,500	1,600	3,100	1,000	1,475	2,475	900	350	1,250	900	350	1,250
	190,000		180,000				8,100	8,100		8,100	8,100
250,000	1250,000	1500,000	241,000	1193,000	1434,000	125,000	550,000	675,000	125,000	550,000	675,000

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

FEBRUARY, 1897.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
24	3d	2:27 a m	N. 3d bet. Pine and Chestnut sts.	5	Stone Front.	Merchants Exchange Association.	Redmond-Cleary Com. Co.	Office Building	2nd and 3d Alarms.		$600			$500							
24	3d	2:27 a m	N. 3d bet. Pine and Chestnut sts.	5	Stone Front.	Merchants Exchange Association.	C. H. Spincer & Co.	Office Building	2nd and 3d Alarms.		600			500							
24	3d	2:27 a m	N. 3d bet. Pine and Chestnut sts.	5	Stone Front.	Merchants Exchange Association.	F. D. Hirshberg & Bro.	Office Building	2nd and 3d Alarms.		600			500							
24	3d	2:27 a m	N. 3d bet. Pine and Chestnut sts.	5	Stone Front.	Merchants Exchange Association.	Carroll & Powell.	Office Building	2nd and 3d Alarms.		600			500							
24	932	5:34 p m	110 Victor st.		Vault	Southern Cooperage Co.	Owners.	Shavings vault.	Unknown.												
24	5424	7:09 p m	3108 New Ashland av.	1½	Frame.	Mrs. Keroatsky	Owners.	Dwelling.	Unknown.	$1,500	500					$800	$200	$1,000			
24	5424	7:09 p m	3110 New Ashland av	1½	Frame.	Mr. Sanderson	Chas. H. Sidney	Dwelling	From the above	1,500	400					700	175	875			
24	5424	7:09 p m	3112 New Ashland av.	1½	Frame.	Marion Loverage.	Owner.	Grocery and Dwelling.	From the above.	1,600	800					500	200	700			
24	5424	7:09 p m	3106 New Ashland av	1½	Frame.	Chas. H. Sidney	Unfinished	Dwelling	From the above.	1,500						800		800			
24	5424	7:09 p m	3104 New Ashland av.	1½	Frame.	Chas. H. Sidney	Unfinished.	Dwelling	From the above.	1,500						800		800			
24	826	11:16 p m	4500 N. 2nd st.	1	Brick.	Laclede Car Co	Owners.	Engine Room.	Ignition of vapor.												
25	987	7:20 a m	1948 Penn st.	2	Brick.	Mrs. Fortune.	Mrs. La Salle.	Dwelling.	Burning out chimney.												
25	Still	8:05 p m	19 S. Targee st.	2	Brick.	Terry, Agents.	Tenants.	Rooming House.	Burning out chimney.												
25	391	8:26 p m	False Alarm						False.												
26	636	6:10 a m	2825 Chippewa st.	3	Brick.	Valentine Barth.	Wm. Steinbach	Grocery Store	Incendiary, supposed.	4,500	2,200	$6,700	$4,000	2,100	$6,100	120	450	570	$120	$450	$570
26	122	8:27 a m	1009 Franklin av.	3	Brick.	Mrs. Eliza Sherman	W. T. Brescoe.	Dwelling.	Drapery on mantle too near stove.		500						5	5			
26	Still	8:30 a m	1423 Carr st.	2	Brick	H. Henehen.	Owner.	Dwelling.	Burning out chimney.												
26	576	9:25 a m	Unnecessary Alarm.						Burning out chimney.												
26	Still	8:01 p m	Unnecessary Alarm.						Burning out chimney.												
26	949	2:27 p m	N. S. Arsenal bet. 2d st. and I. M. R. Tracks.	1&2	Met'l Clad Bk.&Fr.	St. Louis Cooperage Co.	Owners.	Engine and Dynamo Room	Unknown.	4,000	3,400	7,400	3,500	2,800	6,300	749	741	1,490	749	741	1,490
26	323	4:58 p m	2815½ Locust st	3	Brick.	Henry Fairbach	Unoccupied.	Dwelling	Defective flue.	3,500						75		75			
26	Still	5:50 p m	Broadway and Valentine st.		Street Car.	St. Louis St. R. R. Co.		Street Car.	Stove in car.												
26	576	9:27 p m	5981 Highland av.	2	Frame.	Mr. Bunt	L. M. Friers.	Dwelling	Defective flue.	1,800	600	2,400	1,500	500	2,000	1,700	25	1,725	1,700	25	1,725
26	576	9:27 p m	5983 Highland av.	2	Frame.	Mr. Beaumont	W. R. Rodgers	Dwelling	From the above		600			500			25	25		25	25
27	Still	1:21 a m	2338 Market st.	2	Brick.	Chouteau Estate	G. A. Semple.	Hardware Store	Unknown	5,000	6,000	11,000	4,000	5,000	9,000	105	120	225	105	120	225
27	525	7:33 a m	2914 N. Grand av.	2	Brick and Frame.	F. W. Fuhre	Owner.	Dwelling.	Sparks from chimney.												
27	584	8:27 a m	3844½ Page av.	2	Brick	Kothoff, Agent.	Mrs. Mary S. White.	Dwelling	Unknown.												
27	252	12:03 p m	1514 Morgan st.	2	Brick and Frame.	Mr. Ghio	Tenants (col.).	Dwelling.	Hot ashes												
27	Still	8:30 p m	4103 Maryland av.	2	Brick.	Mr. Collins	J. L. Hanley.	Dwelling.	Sparks from chimney.												
27	652	8:59 p m	601 Morin av	1	Frame.	Geo. Dozier		Dwelling	Defective flue												
27	Still	9:59 p m	6224 Plymouth av.	2	Frame.	Mary E. Fagen	Owner.	Dwelling.	Unknown.												
28	5155	12:35 a m	716 N. Newstead av.	2	Brick.	M. A. Wolf and Co., Agents.	Tenants.	Dwelling.	Defective grate.	1,800	600	2,400	1,500			65	15	80	65		65
28	242	2:11 a m	1622 Pine st.	2	Brick.	H. C. Kitchen.	Jno. Phillippi.	Dwelling	Unknown.	3,000	1,000	4,000				175	100	275			
28	566	2:41 a m	4212 Margaretta av.	2	Frame.	Maggie Moore (col.).	Owner.	Dwelling.	Unknown.	1,400	500	1,900	1,500			253	75	328	253		253
28	47	3:35 a m	Rear 610 Chestnut st.		Shed.	Levi and Epstein.	Owner.	Coal Shed.	Unknown.												
28	443	8:28 a m	6205 Virginia av.	2	Frame.	J. B. Richardson.	Owner.	Dwelling.	Sparks from chimney.												
28	544	9:30 a m	4109 Olive st		No loss				Burning out chimney												
28	5425	1:45 p m	2605 Sarah st	1	Brick	Mrs. Dreher	R. O. Brown (col.)	Dwelling	Burning soot.												
28	481	3:19 p m	South of City Limits.		Box Car	Mo. Pac. R. R. Co.		Box Car.	Unknown.												
28	15	6:51 p m	813 Wash st.	3	Brick.	J. K. Kaiser.	German-American Specialty Co.	Novelty Store.	Floor under blr. not prply. protected.												
28	194	10:30 p m	False Alarm						False												
						Box Alarms, 86. Stills, 39. Total, 125, of which 11 were false.				$650,825	$138,800	$789,625	$516,600	$107,520	$624,120	$55,725	$34,531	$90,256	$48 490	$31,951	$80,441

MARCH, 1897.

Date.	Box.	Time.	Location.	No. of Stories.	Material.	Owner.	Occupant.	For what purpose used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
1	787	7:40 p m	6267 Famous av.	2	Frame.	Alex. Gilliam.	Owner.	Dwelling	Unknown.	1,700	2,000	3,700	1,600	1,800	3,400	1,500	1,000	2,500	1,500	1,000	2,500
1	787	7:40 p m	6271 Famous av.	2	Frame.	Geo. R. Kline.	Owner.	Dwelling.	From the above	1,500	1,200	2,700	1,000	1,000	2,000	244	200	444	244	200	444
1	236	10:50 p m	Rear 720 S. 6th st.		Shed.	Anderson-Wade, Agents.	Mr. Gordon.	Wood and Coal	Unknown.	25						15		15			
2	314	5:26 a m	2655 Olive st.		No loss.				Burning out chimney.												
2	24	5:35 a m	S. W. cor. 15th and Wash sts		No loss	1st German N. E. Congregation.		Church	Smoke from chimney												
2	5419	12:41 p m	4709 St. Louis av.	2	Brick.	J. E. and Geo. F. Johnson.	Tenants	Dwelling.	Clothing too near stove.		800			[illegible]			10	10		10	10
2	754	9:18 p m	4226 Norfolk av.	1&2	Frame.	Jno. Lloyd Estate	Tenants	Dwelling	Unknown.	1,500	600	2,100	1,000			75	10	85	75		75
3	144	12:01 a m	Rear 612 Walnut st		Shed.	Mrs. Phillips.	Tenants.	Wood and Coal.	Incendiary.												
3	531	1:27 a m	12 Vandeventer place	1	Brick.	Mrs. J. D. Perry.	Owner.	Heating Furnace Room.	Sparks from furnace.												
3	144	2:46 a m	612 Walnut st.	2	Brick.	Mrs. Phillips	Tenants	Dwelling.	Incendiary.												
3	573	6:18 p m	8231 N. Broadway	1	Frame.	Chas. Walters	Owner.	Dwelling	Defective flue												
3	Still	6:55 p m	10th and Washington av		No loss.		Marx and Haas.	Clothing House.	Leaking spkl. head												
3	Still	7:04 p m	Unnecessary Alarm.		No loss.				Smoky chimney.												
3	Still	7:45 p m	716 Lucas av	3	Brick.	Frank Estate.	Perfect Mfg Co.	Shirt Factory.	Unknown.	18,000	7,000	25,000		6,500		150	2,285	2,435		2,285	2,285
4	328	12:19 a m	3211 Morgan st.	2	Brick.	Frank Hellrung.	Mrs. Ida Bolton.	Dwelling	Defectively constructed grate.												
4	45	8:34 a m	718 Lucas av		No loss				Stove upset												
4	5163	4:10 p m	3946 Vandeventer place		No loss				Electric converter.												
4	641	8:54 p m	1605 Missouri av	2	Brick.	Chas. Ehlerman	Owner	Dwelling.	Lightning.	30,000	10,000	40,000	20,000	5,000	25,000	150	43	193	150	43	193
5	43	7:05 p m	S. E cor. 6th and Olive sts	8	Brick.	Commercial Building.	E. Jaccard Jewelry Co.	Jewelry Store.	Unknown	259,000	103,000	360,000	207,200	90,500	297,700	1,188	4,000	5,188	1,188	4,000	5,188
5	2nd	7:10 p m	S. E. cor. 6th and Olive sts.		Basement.	Commercial Building.	E. J. Queindet Estate	Storage of Furniture.	2d and 3d alarms												
5	3d																				
5	19	7:52 p m	1307-9 Biddle st	2	Brick	Stolle's Hall		Dance Hall	Paper too near stove pipe												
6	Still	1:45 a m	N. W. cor. Olive and Grand av		No loss				Unknown												
6	196	10:51 a m	1401 St. Charles st.		No loss				Paper around stove pipe.												
6	835	4:55 p m	2915 N. 20th st.	1	Brick	Wm. Kueckens.	M. Hofman.	Silverware Shop	Sparks from charcoal fire	1,200	3,500	4,700	700	3,000	3,700	25	175	200	25	175	200
6	242	9:32 p m	1707 Olive st.	3	Stone Front.	Chas. H. Turner, Agent	P. Brady.	Furnished Room.	Coal oil lamp.												
7	284	3:50 p m	N. W. cor. Broadway and Monroe st.	3	Brick.	Campbell Mfg. Co.	Staudte and Rueckoldt Mfg. Co.	Store and Office Fixtures	Unknown												
7	Still	6:39 p m	2300 Wash st.	3	Brick.	J. C. Vogel Estate	Peter Cahill.		Defective flue.												
7	326	10:48 p m	2935 Morgan st	2	Brick	C. Kretschmar.	Owner.	Dwelling	Heating stove.	3,500	1,000	4,500				75	100	175			
8	42	11:20 p m	S. E. cor. Broadway and Olive st.	5	Stone Front.	Festus Realty Co.	Tenants	Offices	Unknown	100,000			100,000			285		285	285		285
8	Still	10:37 p m	517 Clark av	3	Brick.		Jennie Snyder	Dwelling.	Coil oil lamp.												
9	68	4:12 a m	1117-19 Olive st.	3	Brick	Chas. Bailey, Agent.	Straus-Emerich Outfitting Co.	Storage of Furniture.	Unknown.	5,000	248,256	253,256	3,500	2,000	5,500	175	1,750	1,925	175	1,750	1,925
9	627	10:46 a m	Unnecessary Alarm.						Burning out chimney.												
9	12	1:59 p m	1130 N. 7th st.	2	Brick	Paul Less.	Jos. Howard.	Dwelling.	Unknown.												
9	242	8:07 p m	1705 Olive st.	3	Stone Front.	Chas. Turner, Agent.	P. Brady.	Boarding House.	Unknown	4,000	1,000	5,000				75	10	85			
10	15	10:19 a m	806 Wash st.		No loss.				Gasoline stove blaze.												
11	Still	1:51 a m	3905 Lee av	2	Brick.	Mr. Zellsman	J. Penzek.	Shoe Store.	Unknown.	2,500	800	3,300				15	50	65			
12	16	12:24 p m	819 Morgan st.	3	Brick		Italians	Tenement.	Gasoline spilled on floor.												
12	Still	5:11 p m	4062 Lindell boul.	2	Brick.	J. Dowman.	F. E. Green	Dwelling.	Smoke from defective flue.												
12	49	6:41 p m	False Alarm						False.												
12	243	8:17 p m	False Alarm						False												
12	216	9:13 p m	False Alarm.						False.												
13	324	12:29 a m	Rear 2917 Gamble st.		Shed.	D. Christman.	Owner.	Wood and Coal.	Unknown.	75						15		15			
14	371	5:15 a m	Unnecessary Alarm						Smoke from defective flue.												
14	185	8:42 a m	Unnecessary Alarm.						Burning out chimney.												
14	628	8:07 p m	Unnecessary Alarm.						Burning out chimney.												
15	581	2:02 a m	4345 Garfield av	2	Frame.	T. J. Fitzgerald.	Owner.	Dwelling	Unknown	1,500	1,600	3,100	1,000	1,475	2,475	900	350	1,250	900	350	1,250
15	337	6:13 p m	19th and Gratiot sts	4	Brick.	Edison Illuminating Co.	Owner.	Engine and Dynamo House	Sparks from arc light.		190,000		180,000				8,100	8,100		8,100	8,100
15	5136	3:27 p m	Unnecessary Alarm						Smoke from chimney												
15	15	7:10 p m	S. W. cor. 8th and Washington av	7	Stone Front	John R. Lionberger Estate.	Ely & Walker.	Wholesale Dry Goods	Electric wire (prob.)	250,000	1,250,000	1,500,000	241,000	1,193,000	1,434,000	125,000	550,000	675,000	125,000	550,000	675,000

RECORD OF FIRES, CITY OF ST. LOUIS, 1896-97.

MARCH, 1897.—Continued.

Date.	Box.	Time.	Location.	Class of Building.		Owner.	Occupant.	For What Purpose Used.	Origin.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
				No. of Stories.	Material.																
15	2nd	7:59 p m	814-16 Washington av	7	Stone Front	Jno. E. Liggett	Ver. Steegman-Grant Shoe Co	Wholesale Boots and Shoes	2d alarm		$118,000			$118,000			$1,500	$1,500		$1,500	$1,500
15	3rd		814-16 Washington av		2nd Sty. & Basem't	Jno. E. Liggett	Monarch Rubber Co	Wholesale Rubber Goods	3d alarm		54,000			54,000			8,272	8,272		8,272	8,272
15	Gen'l	9:24 p m	818-20 Washington av	7	Stone Front	Jno. E. Liggett	Gauss-Shelton Hat Co	Wholesale Hats	General alarm		182,500			182,500			1,734	1,734		1,734	1,734
15	Gen'l	9:24 p m	714 to 20 Washington av	7	Stone Front		Hargadine-McKittrick	Wholesale Dry Goods	General alarm		575,000			648,000			549	549		549	549
16	242	5:01 p m	1714 Chestnut st		No loss				Paper around stove pipe												
16	45	5:34 p m	Rekindling of former fire						Rekindling of former fire												
16	2nd	5:40 p m	Rekindling of former fire						Rekindling of former fire												
16	37	7:45 p m	Bet. 215 and 217 Chestnut st		Frame passagew'y		Buxton and Skinner	Stationery House	Electric wire (probably)												
16	593	9:40 p m	Rear 5713 Cabanne av	2	Frame	Chas. H. Bruegeman	Owner	Shed	Unknown												
17	61	9:04 a m	Unnecessary Alarm						Burning out chimney												
17	228	3:56 a m	S. W. cor. 2d and Convent sts		Coal Tar	Barrett Mfg. Co	Owner	Coal Tar Still	Carelessness with tar												
18	415	8:58 p m	False Alarm						False												
18	643	9:52 p m	Rear 1205 Armstrong av		Shed	Ernest Edwards	Tenants	Wood and Coal	Hot ashes												
18	566	11:39 p m	4114 Lexington av	2	Brick	Henry Huer	Owner	Dwelling	Defective flue												
19	66	11:35 a m	1212 N. 6th st	2	Brick	Chas. Turner & Co., Agents	Gus Rozza	Dwelling	Lighted candle												
20	278	12:50 a m	Rear 3538 Chouteau av		Shed	C. Beckel	A. Weinhold & Co	Storage, Stove Wood	Unknown												
20	Still	1:50 p m	2200 Franklin av	2	Brick		H. S. Hysinger	Dry Goods Store	Electric light wire												
20	375	2:44 p m	2544 Warren st		No loss				Burning out chimney												
20	364	5:15 p m	N. E. cor. Main and Madison sts	2	Brick	Hy. Gaus and Sons Mfg. Co	Owners	Planing Mill	Unknown	$25,000	70,000	$95,000	$20,000	65,000	$85,000	$20,000	60,000	80,000	$20,000	60,000	80,000
20	2nd	5:16 p m	Adjoining on the east	2	Frame	Hy. Gaus and Sons Mfg. Co	Owners	Wagon Shed	2d alarm												
20	3rd	5:20 p m							3d alarm												
20	929	6:42 p m	2348 Menard st	2	Brick	Geo. Vetter	Mrs. Buell	Dwelling	Unknown												
21	Still	6:08 a m	Clayton, St. Louis County	2	Brick	F. W. Rauchenstein	Owner	Bakery and Printing Office	Unknown												
21	558	3:19 p m	Rear 3741 Lee av		Shed	Moritz Heiberger	Owner	Wood and Coal	Sparks from yard fire	75						15		15			
21	558	3:19 p m	Rear 3739 Lee av	1½	Frame	Moritz Heiberger	Owner	Dwelling	From the above	800						10		10			
22	155	12:14 a m	16 South 9th st	3	Brick	Oscar Reid, Agent	Mo. Electric Repair Co	Electrical Repair Shop	Supposed incendiary		1,200			2,500			10	10		10	10
22	Still	6:45 a m	1802 Park av	2	Brick	Mrs. Abrahams	Tenant	Saloon	Coal oil lamp explosion												
22	314	7:35 a m	2327 Olive st	3	Brick	Papin and Tontrup, Agents	W. Hendricks	Restaurant	Carelessness—gasoline												
22	242	8:59 a m	1606 Olive st		No loss				Gasoline stove												
22	481	11:50 p m	Lemay Ferry road			St. Louis Soap Co	Owners	Soap Works	Gasoline												
23	742	9:50 p m	4929 Magnolia av	2	Brick	Mo. Loan Co. of Hannibal	George Bell	Dwelling	Supposed incendiary	700	500	1,200	500			100	100	200	100		100
24	121	2:10 a m	Rear 912 N. 16th st		Ash Box				Hot Ashes												
24	95	9:03 a m	N. W. cor. 2d and Chambers sts	1	Brick	Standard Stamping Co	Owners	Retinning Shop	Sparks from stove-pipe hole												
24	5135	10:39 a m	3617 Easton av		No loss				Gasoline stove												
24	534	5:16 p m	3523 Bacon st	2	Frame	Isadore Lemke	Owner	Dwelling	Defective flue	2,500			1,200			173		173	173		173
25	14	8:41 a m	719-21 N. 6th st	3	Brick	David Bailey	B. Lokley	Lodging House	Men smoking pipes	6,000	2,500	8,500	1,250	2,300	6,500	230	125	355	230	125	355
25	14	8:41 a m	719-21 N. 6th st		1st Story	David Bailey	D. A. Pareira	Clothing Store	Men smoking pipes		12,000			11,000			250	250		250	250
25	Still	2:55 p m	3748 Olive st	2	Brick	Mr. O'Rourke of N. Y	Mr. Cohen	Dwelling	Unknown		2,000			1,500			40	40		40	40
25	12	7:15 p m	False Alarm						False												
26	Still	7:27 a m	209 S. Levee		Shed		Vacant	Coal Shed	Unknown												
26	Still	4:22 p m	S. E. cor. 16th and Walnut sts	3	Brick	Saint John's		Parochial School	Defective flue												
26	Still	6:50 p m	1607 Market st	1	Brick	W. S. Keith	Owner	Photograph Gallery	Explosion of chemicals		500						100	100			
26	187	11:21 p m	S. E. cor. Atlantic and W. Jefferson av	1	Frame	Atlantic Quarry Co	Owner	Engine and Boiler House	Unknown	500	6,000	6,500				150	75	225			
27	Still	7:25 a m	2d bet. Plum and Cedar sts	2	Brick		Mrs. Schulz	Dwelling	Unknown												
28	47	4:30 a m	606 Market st	4	Brick	O. Ostendorf, Agent	J. Krause	Gents' Furnishing Store	Unknown	6,500	13,682	20,182	6,000	13,500	19,500	104	4,964	5,068	104	4,964	5,068
28	139	1:49 a m	Rear 1809 N. 17th st	2	Brick and Frame	Jno. S. Blake, Agent	T. J. Burke	Stable	Unknown	1,000	400	1,400				35	10	45			
28	Still	7:41 a m	3528 Washington av	2	Brick	Dr. Laidley	Owner	Dwelling	Burning out chimney												
29	Still	7:41 a m	3536 Washington av	2	Brick	Ed. Thorn	Owner	Dwelling	Dropping light												
29	Still	11:50 a m	S. E. cor. 15th and Pine st	2	Brick	L. Barnard	Phoenix Furniture Co	Store Room	Unknown												
29	Still	7:05 a m	105 S. 16th st	3	Brick	Aug. Barada	Mr. Curtis	Rooming House	Sparks from chimney												
29	321	3:11 a m	2715 Walnut st		No loss				Burning out chimney												
29	216	6:20 a m	2305 Cass av	2	Brick	Adam Fisher	A. Schleren	Barber Shop	Coal oil lamp upset	5,500	800	6,300	5,000			50	25	75	50		50
29	69	7:13 p m	Unnecessary Alarm						Burning out chimney												
29	Still	10:02 p m	N. W. cor. 9th and Mullanphy sts	1	Brick	Nixdorf-Krein Mfg. Co	Owner	Blacksmith Shop	Sparks from forge												
30	824	10:44 a m	N. E. cor. Main and Angelica sts	2	Brick	Mississippi Glass Co	Owner	Glass Works	Overheated oven												
30	Still	11:17 p m	Broadway and Poplar st		Lunch Stand	R. Zollickhoeffer	Owner	Lunch Stand	Gasoline stove	50						10		10			
30	Still	11:30 p m	13th and Clark av		Frame	Missouri Wrecking Co	Unused	Old Convention Hall	Wind storm												
31	75	4:48 p m	312 S. 7th st	2	Brick	Wm. Booth and Co., Agents	M. Rigroidsky	Dwelling	Clothing too near stove		800						10	10			
					Box Alarms, 79. Stills, 30. Total, 109, of which 5 were false.					$725,625	2860,638	3586,263	$613,900	2583,175	3197,075	$151,064	$645,847	$796,911	$150,499	$645,357	$795,856

RECAPITULATION.

Months.		Alarms.			Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Building and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
		Box.	Stills.	Totals.												
April,	1896	88	41	129	$187,377	$267,929	$455,306	$168,607	$262,779	$431,386	$10,177	$18,258	$28,435	$7,394	$18,133	$25,527
May,	1896	89	44	133	438,219	283,924	722,143	381,709	243,124	624,833	47,283	105,014	152,297	45,287	104,549	149,836
June,	1896	73	32	105	112,760	59,600	172,360	88,853	47,700	136,553	5,573	11,727	17,300	5,466	11,537	17,003
July,	1896	75	32	107	219,625	203,750	423,375	182,741	187,060	369,801	72,960	37,837	110,797	71,880	37,162	109,042
August,	1896	90	39	129	173,400	134,260	307,660	126,677	106,300	232,977	12,475	22,776	35,251	10,835	22,343	33,178
September,	1896	97	54	151	413,475	64,840	478,315	328,060	46,725	374,785	24,974	10,889	35,863	23,199	9,819	33,018
October,	1896	89	41	130	444,100	50,825	494,925	409,228	36,730	445,958	15,007	5,299	20,306	12,717	3,569	16,286
November,	1896	68	43	111	133,577	54,535	188,112	129,072	46,115	175,187	12,854	5,707	18,561	12,559	3,347	15,906
December,	1896	101	52	153	349,825	757,775	1,107,600	295,323	664,447	959,770	14,794	35,005	49,799	13,164	34,003	47,167
January,	1897	116	38	154	159,185	148,765	307,950	113,839	112,285	226,124	15,344	14,048	29,392	11,379	12,168	23,547
February,	1897	86	39	125	650,825	138,800	789,625	516,600	107,520	624,120	55,725	34,531	90,256	48,490	31,961	80,451
March,	1897	79	30	109	725,625	2,860,638	3,586,263	613,900	2,583,175	3,197,075	151,064	645,847	796,911	150,499	645,357	795,856
		1051	485	1536	$4,007,993	$5,025,641	$9,033,634	$3,354,609	$4,443,960	$7,798,569	$438,230	$946,938	$1,385,168	$412,869	$933,948	$1,346,817

Of the above 89 were false

C. F. MOSS, *Department Secretary.*

896-97.

GIN.	Value of Building.	Value of Contents.	Value of Building and Contents.	Insurance on Building.	Insurance on Contents.	Insurance on Buildings and Contents.	Loss on Building.	Loss on Contents.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
		$118,000			$118,000			$1,500	$1,500		$1,500	$1,500
		54,000			54,000			8,272	8,272		8,272	8,272
		182,500			182,500			1,734	1,734		1,734	1,734
		575,000			648,000			549	549		549	549
ve pipe												
ner fire												
ner fire												
nably)												
ney												
tar												
ney												
	$25,000	70,000	$95,000	$20,000	65,000	$85,000	$20,000	60,000	80,000	$20,000	60,000	80,000
fire	75						15		15			
	800						10		10			
ary		1,200			2,500			10	10		10	10
ion												
oline)												
ary	700	500	1,200	500			400	100	500	400		400
-pipe hole												
	2,000			1,200			173		173	173		173
es	6,000	2,500	8,500	4,200	2,300	6,500	230	125	352	230	125	355
es		12,000			11,000			250	250		250	250
		2,000			1,500			40	40		40	40
aicals.		500						100	100			
	500	6,000	6,500				150	75	225			
	6,500	13,682	20,182	6,000	13,500	19,500	104	4,964	5,068	104	4,964	5,068
	1,000	400	1,400				35	10	45			
ncy												
ney												
ney												
et	5,500	800	6,300	5,000			50	25	75	50		50
ney												
	50						10		10			
stove		800						10	10			
	$725,625	2 860,638	3586,263	$613,900	2583,175	3 197,075	$151,064	$645,847	$796,911	$150,499	$645,357	$795,856

.	Total Loss.	Loss to Insurance on Building.	Loss to Insurance on Contents.	Total Loss to Insurance.
58	$28,435	$7,394	$18,133	$25,527
14	152,297	45,287	104,549	149,836
27	17,300	5,466	11,537	17,003
37	110,797	71,880	37,162	109,042
76	35,251	10,835	22,343	33,178
89	35,863	23,199	9,819	33,018
99	20,306	12,717	3,569	16,286
07	18,561	12,559	3,347	15,906
05	49,799	13,164	34,003	47,167
48	29,392	11,379	12,168	23,547
31	90,256	48,490	31,961	80,451
47	796,911	150,499	645,357	795,856
38	$1,385,168	$412,869	$933,948	$1,346,817

C. F. MOSS, *Department Secretary.*

ANNUAL REPORT

OF THE

Fire and Police Telegraph Department,

For the Fiscal Year ending April 11, 1897.

Hon. Henry Ziegenhein, Mayor City of St. Louis:

DEAR SIR — I have the honor to present to you this my Annual Report for the fiscal year ending April 11th, 1897:—

Since my last annual report this Department has been successfully conducted, although great and unlooked for expense was incurred on account of the cyclone, which prostrated and almost totally destroyed fully one-third of our wires, poles and instruments. We have experienced far less annoyance and destruction from contact with light and power wires than heretofore, principally because of careful and continued daily inspection of our circuits, and perhaps on account of more careful construction on the part of all companies.

The promise and prospect of an early undergrounding of our wires in the proposed underground district will necessitate the expenditure of considerable money, a portion of which I have asked for in my estimate for the fiscal year of 1897–8. It will be necessary to duplicate almost entirely the central office, the expense of which will be considerable. For this I have asked that fifteen thousand dollars be appropriated this year. I have also asked that fifty additional fire alarm boxes with keyless doors be purchased at a cost of eighty-seven hundred and fifty dollars; and that underground cable be purchased at an expense of ten thousand dollars.

In conclusion I wish to thank Chief Swingley of the Fire Department, Chief Evans of the Salvage Corps, Supervisor O'Reilly and my own assistants for the great assistance rendered this Department the past year.

Very respectfully,

SILAS BENEDICT,
Superintendent.

The total amount expended for operating and sustaining the Department during the twelve months ending April 11, 1897, was seventy-nine thousand five hundred and fifty dollars and eighteen cents ($79,550.18). Total amount appropriated: Eighty thousand and fifty dollars ($80,050), leaving a balance of four hundred and ninety-nine dollars and eighty-two cents (499.82).

This Department has purchased out of the appropriation 303¾ miles of insulated line wire, 1,280 lbs. insulated office wire, 862 telegraph poles, 2,507 eight-pin cross-arms, 13,500 insulators, 20,000 pins, 10,000 pole steps, 300 break-arms, 5,000 iron braces, 15,200 lag bolts, 3,226 lbs. No. 6 iron wire, 109½ lbs. copper wire, 1,500 gonda zincs, 500 gonda bricks, 100 jar covers, 200 law zincs, 320 lbs. tape, 270 feet aerial cable, 4,000 cleats, 100 fuse blocks, 300 feet iron pipe, 50 fire alarm boxes with keyless doors, 1 horse and 2 sets harness.

Fifty new fire alarm boxes have been added to this system, all of them have the keyless door attachment; total number of fire alarm boxes, 823; one new signal circuit has been built with 21 boxes on it; the telephone service has been increased by 13 new stations and one station has been abandoned, making the total number of telephones now in use 437; police patrol boxes, 220. The Police Department will make a detailed statement of service rendered by the patrol system.

The entire cyclone district between the river on the east, the city limits on the west, and from Chestnut street on the north to the River Des Peres on the south, has been reconstructed at the cost of twenty-one thousand and five hundred dollars and eighteen cents ($21,500.18).

AMOUNT EXPENDED AS PER APPROPRIATION MADE FOR 1896 AND 1897.

For labor and material for reconstructing, repairing and maintaining lines and apparatus now in use, replacing worn-out apparatus, current expenses, keeping and shoeing horses, replacing horses and vehicles useless for further service, hire of horses and vehicles, rent of telephones, repairing instruments and service transmitting time.

	Appropriation.	*Amt. Expended.*	*Balance.*
	$42,000 00	$41,501 84	$498 16
Salaries	24,300 00	24,300 00	....
New boxes	6,250 00	6,250 00	....
Keyless doors	2,500 00	2,500 00	....
New lines and material	5,000 00	4,998 34	1 66
Total	$80,050 00	$79,550 18	$499 82
Amount paid into the City Treasury for old material sold			$52 00

ESTIMATE FOR EXPENSES FOR THE FISCAL YEAR ENDING MARCH 31ST, 1898.

For labor and material for reconstructing, repairing and maintaining lines and apparatus now in use, keeping and shoeing horses, replacing horses and vehicles and harness, hire of horses and vehicles, printing, rent of telephones and service transmitting time	$25,000 00
Salaries	24,300 00
New signal boxes	6,250 00
New keyless doors	2,500 00
For labor and material for new lines	5,000 00
For equipping new engine houses	900 00
For underground work	10,000 00
For new instruments, counters, furniture and labor to move central office to New City Hall	15,000 00
	$88,950 00

ALARMS SIGNALED.

We have received and signaled during the twelve months ending March 31st, 1897, 1,049 box alarms of which 22 are second alarms, 8 third alarms, 3 general alarms, and 487 still alarms, making a total number of alarms received and transmitted to the Fire Department, 1,536.

This Department has now in operation 1,616 miles of aerial wire and cables, 823 fire alarm boxes (35 of these are private), 40 engine house jokers and attachments, 61 gongs, 37 chain droppers, 244 police patrol boxes, 246 keyless doors, 339 magnetos and 12 connecting cases, one central office in the Court House and one branch office in the Four Courts. All the departments are connected by 437 telephones; all this vast system is operated by 1,658 cells of battery, and all the wires, cables, poles, instruments, etc., are in good working order.

This Department has upon its pay-roll twenty-two men, as follows: One Superintendent, one Chief Operator, three Operators, three Assistant Operators, one Chief Telephone Inspector, two Telephone Inspectors, three Telephone Operators, three Fire Alarm Inspectors, one Chief of Construction, three Line Repairers, and one Batteryman; making a total number of twenty-two, at a total salary account of twenty-four thousand and three hundred dollars ($24,300.00).

RECORD OF ALARMS RECEIVED AND SIGNALED DURING THE YEAR ENDING MARCH 31, 1897.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot.
1896.																																
April. ...	3	9	3	6	2	4	3	2	3	6	5	2	3	2	2	2	..	6	3	4	3	4	2	3	..	1	1	3	..	1	..	88
May........	3	3	2	2	4	4	2	1	4	5	4	6	3	4	4	3	4	..	1	2	1	..	1	..	1	1	13	2	3	2	2	87
June	1	1	2	1	1	3	1	..	2	1	2	3	3	..	1	3	11	2	3	2	2	4	3	3	1	5	..	3	4	5	..	73
July......	..	..	1	9	2	5	2	1	1	5	2	..	5	3	6	3	4	2	2	1	..	1	.	1	1	2	2	4	3	6	1	75
Aug..	4	..	4	1	4	3	..	4	1	5	6	3	2	3	4	..	5	1	3	2	2	3	3	4	1	4	5	5	2	3	3	90
Sept.. ...	2	3	1	2	4	7	2		3	4	6	2	3	3	3	5	3	3	2	3	2	4	5	6	2	4	4	3	2	4	..	97
Oct.......	3	4	..	1	5	3	2	1	..	1	2	2	2	4	6	2	2	3	6	1	5	3	2	4	3	3	6	3	..	6	4	89
Nov.......	2	2	3	1	6	1	1	1	1	1	2	3	1	3	4	1	2	2	3	2	3	5	3	1	1	1	3	2	4	3	..	68
Dec..	9	3	4	3	3	2	3	3	1	2	2	2	5	1	1	4	2	1	.	3	4	6	7	7	4	7	1	6	1	1	3	101
1897.																																
Jan.......	7	3	2	6	2	7	2	2	1	3	4	1	2	2	5	2	4	4	2	3	2	4	5	4	8	7	4	6	5	3	4	116
Feb... ...	3	1	2	4	2	2	1	3	1	1	3	2	4	1	1	2	.	6	3	4	7	3	3	5	2	6	4	10	..	..	..	86
Mch	3	3	4	4	3	3	2	1	4	1	..	4	1	4	5	5	2	3	1	6	1	4	1	4	2	1	..	2	3	1	1	79
	40	32	28	40	38	44	21	19	22	35	38	30	34	30	42	32	39	33	29	33	32	41	35	42	26	42	43	49	27	35	18	1049

Second Alarms	22
Third Alarms	8
General Alarms	3
Still Alarms	487

FIRE AND POLICE TELEGRAPH RECAPITULATION.

Total appropriation for fiscal year	$80,050 00
Total expenditures for fiscal year	79,550 18
Total balance	$499 82

SYNOPSIS OF THE REPORT OF THE FIRE AND POLICE TELEGRAPH DEPARTMENT.

Total appropriations for fiscal year		$80,050 00
Total expenditures for fiscal year:—		
Current expenses, etc	$41,501 84	
Salaries	24,300 00	
New signal boxes	6,250 00	
Keyless doors	2,500 00	
New lines, labor and material	4,998 34	79,550 18
Unexpended balance		$499 82

MATERIAL USED DURING FISCAL YEAR ENDING APRIL 11, 1897.

	Poles Set and Length.						Poles taken down.	Poles reset.	Poles dressed.	Steps.	Cross-arms.	Bolts.	Glass.	Knobs.	Pins.	Break-arms.	Miles of wire. New work.	Miles of wire. Reconstruction.	Miles of wire taken down.	Iron braces.	Pole brackets.	Feet of cable.
	35	40	45	50	55	60																
1896.																						
April	..	..	..	...	..	..	....	..	...	....	....	.....	.....	..	....	...	....	...	....	....	...	...
May	13	31	..	5	2	1	36	2	...	512	127	612	152	..	864	1	....	4⅓	6½	236	...	..
June	..	87	2	68	..	11	....	..	.	2502	307	1082	1925	..	2446	...	...	72	....	614	500	...
July	8	12	..	2	..	2	10	10	161	126	305	1475	1567	10	1134	25	....	38	9	632	26	...
August	8	16	..	14	..	..	27	7	75	518	389	1569	1230	.	1436	34	....	22⅔	26	764	54	...
Sept.	9	22	..	9	1	4	54	..	...	727	256	1584	1143	13	1454	15	...	28	10½	564	41	...
October	12	55	1	8	1	..	31	2	55	902	443	2286	2057	30	2491	48	14⅓	29	1⅓	881	2	253
Novemb'r	16	28	..	4	..	..	36	8	...	544	90	449	303	14	297	11	..	6⅔	10	172	2	215
Decemb'r	8	12	..	...	..	..	2	1	...	192	249	1196	729	..	1162	23	10⅔	3	....	509	3	...
1897																						
January	..	1	..	1	..	2	1	..	...	13	141	657	677	..	335	12	8⅓	7⅔	3	268	...	75
February	..	5	..	3	..	..	....	27	...	80	93	447	457	..	380	14	10⅔	17	9	192	30	...
March	..	34	.	2	1	..	...	..	209	287	146	684	456	..	945	7	3⅓	12	....	265	1	...
April	..	7	..	8	..	..	....	8	86	191	43	215	95	.	310	4	....	1⅓	2	78	...	...
	74	310	3	124	5	20	197	65	586	6594	2589	12256	10791	67	13254	194	47⅓	241⅔	77⅓	5175	659	543

Total Poles, 536.

During the year 47⅓ miles of new lines have been added to the system, of which 20⅓ miles were for extension of the telephone service and 27 miles for the placing in circuit of 50 new fire alarm boxes and building one new signal circuit (No. 34).

Thirteen (13) stations have been added to the telephone service during the year and one abandoned, making the total number of telephones now in use by this Department, 437.

MATERIAL USED IN CONSTRUCTION AND RECONSTRUCTION OF POLICE DEPARTMENT LINES.

	Wire, miles.	Cross-arms.	Braces.	Bolts.	Glass.	Pins.	No. of Feet, Cable 19 Con.	Break-arms.
Reconstruction Central District Patrol Lines	23⅔	191	375	948	1150	1304	175	24
Reconstruction Fourth District Patrol Lines	12	112	225	561	614	766	73	22
Reconstruction Seventh District Office Cable	..	....	.	....	....	....	200	...
Extension Sixth District Patrol Lines	2	29	54	130	68	....	....	....
Construction of line to 2840 Arsenal St.	2	17	30	75	90	...	....	....
Construction of line to 6 Nicholson Place	2	7	14	35	89	40	....	....
Construction Third District Patrol Lines	14⅓	109	194	497	690	689	95	2

LOCATION OF POLES FOR NEW LINES.

1 35-foot pole S. W. cor. Iowa av. and Arsenal st.

1 35-foot pole N. W. cor. Broadway and Ann av.

1 35-foot pole S. E. cor. Broadway and Russell av.

1 40-foot pole Main and Park av.

1 50-foot pole S. E. cor. Twenty-second and Clark av.

1 50-foot pole S. W. cor. Twenty-first and Clark av.

3 35-foot poles in alley south of Lafayette av. east of Jefferson.

2 40-foot poles S. S. of Walnut st. bet. Eleventh and Twelfth sts.

1 40 foot pole S. E. cor. Twelfth and Clark av.

2 40-foot poles W. S. Baird av. bet. Page and Easton avs.

1 40-foot pole S. W. cor. Page and Baird avs.

1 40-foot pole S. W. cor. Walton and Page avs.

1 35-foot pole 1139 Walton av.

1 40-foot pole S. W. cor. Seventh and Wyoming sts.

5 35-foot poles east side of Thirteenth st. bet. Russell av. and Shenandoah st.
1 40-foot pole W. S. Mississippi av. 100 feet N. of Lafayette av.
7 40-foot poles S. S. Rutger st. bet. Sixth and Ninth sts.
1 35-foot pole N. W. cor. Kennerly and Lambdin av.
4 35-foot poles N. S. Maffitt av. east of Taylor av.
1 35-foot pole S. W. cor. King's highway and St. Louis av.
5 40-foot poles N. S. Osage st. bet. Virginia and Louisiana avs.
4 40-foot poles N. S. Elwood st. bet. Broadway and Pennsylvania av
4 40-foot poles E. S. Walton av. south of Olive st.
3 35-foot poles E. S. Walton av. bet. Morgan and Bell av.
1 40-foot pole S. E. cor. Arsenal and Oregon av.
7 50-foot poles N. S. Lafayette av. bet. Fourteenth and Seventeenth sts.
2 35-foot poles in alley south of Arsenal st. first and second poles west of Oregon av.
12 40-foot poles W. S. of California av. bet. Miami and Cherokee st.
3 40-foot poles and 1 guy-pole S. S. Utah bet. California and Oregon avs.
8 40-foot poles and 1 guy-pole S. S. Wyoming bet. California and Pennsylvania avs.
4 50-foot poles N. S. Chestnut st. bet. First and Second sts.
4 35-foot poles and 1 guy-pole E. S. Louisiana bet. Eads and Henrietta avs.
4 35-foot poles E. S. Klemm av. bet. Castleman and Russell avs.
3 35-foot poles Turner av. bet. Farlin and Kossuth avs. E. S.
4 40-foot poles and 1 guy-pole W. S. Newstead bet. Gibson and Chouteau avs.
16 40-foot poles S. S. of alley bet. Reymond and Vernon av. and King's highway and Clarendon avs.
5 40-foot poles and 1 guy-pole E. S. Clarendon av. bet Raymond and Maple avs.
2 40-foot poles and 1 guy-pole E. S. Academy av. bet. Raymond and Vernon avs.
1 40-foot pole S. W. cor. Newstead and Clayton avs.
1 40-foot pole N. E. cor. Newstead and Clayton avs.
6 40-foot poles N. S. Arsenal st. bet. Broadway and Second st.
3 50-foot poles Fourteenth and Gratiot sts.
1 50-foot pole and 1 guy-pole Koeln av. bet. Oak Hill R. R. and Ninth st.
4 40-foot poles and 1 guy-pole Koeln av. bet. Oak Hill R. R. and Ninth st.
1 35-foot pole N. W. cor. alley south of Lafayette on Mississippi av., 1 guy-pole Grand and DeTonty st.
1 40-foot pole at Lafayette park police station.
2 50-foot poles N. S. Shenandoah st. from Gravois av. to Eighteenth st.
9 40-foot poles N. S. Shenandoah st. from Gravois av. to Eighteenth st.
13 40-foots pole W. S. Nebraska av. bet. Lafayette and Russell avs.
5 40-foot poles E. S. Grand av. bet. Park and Caroline st.
7 35-foot poles E. S. Eugene av. bet. Blow and Loughborough avs.

TOTAL NUMBER OF POLES ERECTED, 182.

42 35-foot poles.
121 40-foot poles.
19 50-foot poles.

LOCATION OF POLE LINES REBUILT.

1 55-foot pole S. E. cor. Sixteenth and Franklin av.
1 55-foot pole N. E. cor. Sixteenth and Franklin av.
1 40-foot pole N. E. cor. Sixteenth and Carr sts.
1 50-foot pole N. E. cor. Sixteenth and Carr sts.
1 40-foot pole N. W. cor. Sixteenth and Biddle sts.
1 40-foot pole S. W. cor. Sixteenth and Cass av.
1 50-foot pole N. W. cor. Compton and Manchester avs.
5 40-foot poles W. S. Florissant av. bet. Bircher rd. and Morin av.
2 40-foot poles W. S. of Ohio av., first two poles S. of Lafayette.
1 60-foot pole N. W. cor. of alley bet. Pine and Olive st. on Seventh st.
3 50-foot poles N. S. Suburban R. R. one west and two east of Goodfellow av.
34 50-foot poles E. S. Seventh st. from north side of Poplar st. to north side of Lafayette av.
10 60-foot poles E. S. Seventh st. from north side of Poplar st. to north side of Lafayette av.
9 50-foot poles E. S. Mississippi av. from Lafayette to Geyer av.
9 40-foot poles E. S. Mississippi av. from Geyer to Gravois avs.

1 50-foot pole N. E. cor. alley Eighteenth st., bet. Papin and Chouteau.
1 40-foot pole S. W. cor. Gravois and Mississippi avs.
3 50-foot poles W. S. McNair av. from Gravois av. to No. 1 Engine House.
6 50-foot poles N. S. Lafayette av. from Eighteenth st. to Mississippi av.
5 50-foot poles E. S. 18th st. from Hickory to Park av.
1 60-foot pole 721 South Second st.
9 40-foot poles S. S. Soulard st. bet. Seventh and Thirteenth sts.
2 45-foot poles S. S. Soulard st. bet. Seventh and Thirteenth sts.
9 40-foot poles E. S. Twelfth st. bet. Carroll st. and Ann av.
2 40-foot poles S. S. Calhoun st. bet. Twelfth and Fourteenth sts.
3 40-foot poles E. S. Thirteenth st. bet. Morrison and Park avs.
4 40-foot poles N. S. Hickory st. bet. Grattan and Eighteenth sts.
1 50-foot pole N. S. Hickory st. bet. Fourteenth and St. Ange av.
1 40-foot pole N. W. cor. Hickory and Dillon sts.
12 40-foot poles N. S. Hickory bet. Mississippi and Jefferson avs.
6 40-foot poles N. S. Park av. bet. Jefferson and California avs.
19 40-foot poles N. S. Manchester av. bet. Grand and Vandeventer avs.
1 50-foot pole E. S. Sixth st. bet. Cerre and Gratiot sts.
2 60-foot poles E. S. Sixth st. bet. Cerre and Gratiot sts.
3 40-foot poles W. S. Broadway, bet. Meramec and Gasconade sts.
1 35-foot pole S. W. cor. Broadway and Geyer av.
1 40-foot pole N. E. cor. Broadway and Salena st.
1 40-foot pole N. W. cor. Nebraska and Park avs.
1 40-foot pole S. W. cor. Jefferson and Rutger st.
1 35-foot pole S. E. cor. Carroll and Dolman sts.
2 35-foot poles W. S. Oregon av. north of Russell av.
1 50-foot pole S. S. Lynch st. bet. Broadway and Third st.
6 40-foot poles S. S. Lynch st. bet. Broadway and Third st.
2 35-foot poles S. S. Biddle bet. Sixth and Seventh sts.
1 35-foot pole S. W. cor. Marion and Third sts.
2 40-foot poles N. S. Convent bet. Second and Third sts.
1 50-foot pole N. S. Convent bet. Second and Third sts.
1 35-foot pole S. E. cor. Second and Convent sts.
1 35-foot pole S. E. cor. Main and Cedar sts.
1 40-foot pole S. E. cor. Sixth and Cerre sts.
1 40-foot pole S. W. cor Main and Franklin av.
2 40-foot poles W. S. Compton bet. Lafayette & Henrietta st.
11 50-foot poles E. S. Twelfth bet. Chestnut and Spruce sts.
2 40-foot poles E. S. Tenth st. bet. Gratiot and Papin st.
1 40-foot pole W. S. Ninth bet. Gratiot and Chouteau av.
2 40-foot poles E. S. Tenth bet. Morrison av. and Rutger st.
1 60-foot pole E. S. Seventh st. bet. Spruce and Poplar sts.
1 40-foot pole S. E. cor. Belt av. and Suburban R. R.
3 60-foot poles E. S. Seventh bet. Walnut and Poplar sts.
9 50-foot poles E. S. Seventh st. bet. Walnut and Poplar st.
1 55-foot poles S. E. cor. Seventh and Walnut sts.
1 45-foot pole N. E. cor. Seventh and Clark av.
2 40-foot poles N. S. Clark av. bet. Seventh and Eighth sts.
3 40-foot poles S. S. Spruce st. bet. Broadway and Seventh st.
2 40-foot poles E. S. Seventh st of Cherokee st.
1 40-foot pole N. S. Park av. 100 feet west of Jefferson av.
3 50-foot poles E. S. Seventh st. bet. Geyer and Lafayette avs.
1 50-foot pole S. E. cor. Seventh and Geyer av.
1 40-foot pole E. S. Fourteenth st. bet. Clark av. and Spruce.
1 50-foot pole N. S. Manchester av. west of Compton av.
7 40-foot poles N. S. Dorcas st. bet. Second st. and Broadway.
7 40-foot poles N. S. Dorcas st. bet. Second st. and Iron Mt. R. R.
1 40-foot pole S. E. cor. Nebraska and Chippewa st.
1 40-foot pole N. W. cor. Kennerly and Newstead avs.
2 40 foot poles N. S. Carr bet. Seventh and Eighth sts.
1 40-foot pole S. W. cor. Seventh and Carr sts.
1 55-foot pole S. W. cor. Seventh and Carr sts.
2 40-foot poles N. E. cor. Grand av. and Chippewa sts.
1 40-foot pole W. S. Broadway bet. Osceola and Chariton st.

1 50-foot pole S. W. cor. Seventh and O'Fallon sts.
1 40-foot pole S. W. cor. Ninth and O'Fallon sts.
2 50-foot poles W. S. Broadway bet. Marine av. and President st.
8 35-foot poles E. S. Virginia av. bet. Meramec and Osage st.
4 40-foot poles E. S. Virginia av. bet. Meramec and Osage sts.
1 40-foot pole N. S. Morgan bet. Compton and Leonard avs.
2 35-foot poles and 1 guy-pole Lambdin and Kennerly avs.
1 40-foot pole E. S. Morganford road north of Oak Hill R. R.
1 35-foot pole Morganford rd. and Oleathe av.
1 40-foot pole N. E. cor. Twelfth and Spruce sts.
2 60-foot poles Manchester av. bet. Vandeventer av. and Clayton.
7 40-foot poles S. S. Angelrodt st. bet. Blair av. and Twentieth st.
1 50-foot pole Vandeventer and Manchester avs.
1 55-foot pole Vandeventer and Manchester avs.
22 40-foot poles N. S. Bircher rd. bet. Broadway and Florissant av.
2 40-foot poles S. W. cor. Grand and McKissock avs.
1 50-foot pole Grand and Shaw avs.
2 40-foot poles Grand and Shaw avs.
4 50-foot poles S. S. Salisbury st. west of Twenty-fifth st.
1 40-foot pole S. S. Salisbury st. west of Twenty-fifth st.
6 40-foot poles E. S. Twenty-fifth st. bet. Farrar and Mallinckerodt sts.
4 50-foot poles Park and Compton avs.
12 35-foot poles E. S. Wisconsin st. bet. Wyoming and Cherokee sts.
12 35-foot poles E. S. Wisconsin st. bet. Wyoming and Cherokee sts.
1 40-foot pole E. S. Wisconsin st. bet. Wyoming and Cherokee st.

TOTAL NUMBER OF POLES USED FOR REBUILDING, 354.

32 34-foot poles.
3 45-foot poles.
5 55-foot poles.
189 40-foot poles.
105 50-foot poles.
20 60-foot poles.

POLE LINES ABANDONED AND POLES REMOVED.

30 40-foot poles W. S. Grand av. from Park to Magnolia av., and E. S. Grand av. from Magnolia to Arsenal st.
7 40-foot poles E. S. Sarah st. from McPherson to Lindell avs.
8 40-foot poles S. S. alley north of Lafayette av. from Fourteenth to Eighteenth st.
8 30-foot poles N. S. Gasconade st. from Broadway to Marine av.
3 40-foot poles S. S. Franklin av. bet. First and Second sts.
4 30-foot poles S. S. Shenandoah st. bet. Salena and Lemp av.
2 40-foot poles N. W. cor. Compton and Lucas avs.
4 40-foot poles W. S. Taylor av. from Evans to Maffitt av.
9 30-foot poles W. S. Taylor av. from Evans to Maffitt av.
1 40-foot pole S. W. cor. Old Manchester road and King's highway.
1 40-foot pole N. E. cor. Spring and Manchester avs.
4 30-foot poles E. S. Thirteenth street from Morgan to Franklin av.
3 30-foot poles in Reservoir Park.
2 35-foot poles W. S. Twenty-third st. bet. Chouteau av. and Gratiot st.

TOTAL NUMBER OF POLES REMOVED, 88.

ESTIMATE FOR THE FISCAL YEAR 1897 AND 1898, $88,950.00.

SUPERINTENDENT AND STAFF FOR FISCAL YEAR 1897 AND 1898.

One Superintendent.
One Chief Operator.
Three Operators.
Three Assistant Operators.
One Batteryman.
One Chief Telephone Inspector.
Two Chief Inspectors.
Three Telephone Operators.
One Chief of Construction.
Three Fire Alarm Inspectors.
Three Line Repairers.
Total Number, 22.

Number of miles of new wire constructed	47⅓
Number of miles of wire reconstructed	241⅔
Number of poles erected for new lines	182
Number of poles erected for reconstruction	354
Number of poles removed	88
Number of feet of cable put up	543
Number of miles of old wire taken down	77½
Total number of miles of wire in use	1,616
Number of fire alarm boxes	823
Number of keyless doors	246
Engine house jokers and attachments	40
Fire alarm gongs	61
Magnetos	339
Police patrol boxes	220
Telephone connecting cases	12
Number of cells of battery	2,154
Number of box alarms received and transmitted	1,049
Of which are second alarms	22
Of which are third alarms	8
General alarms	3
Still alarms	487
Total number of alarms received and transmitted	1,536

DETAILED STATEMENT OF EXPENSES.

Officers' and employees' salaries	$24,300 00
Extra labor	21,599 05
Bell towers and repairs	40 00
Bed-clothes, towels and washing	41 60
Drugs, chemicals, oils, paints, etc	223 68
New signal boxes	6,250 00
Insulators, tape, etc	425 20
Repairing instruments	1,253 80
Hauling and distributing telegraph poles	339 00
Frames, furniture, carpets, instrument stands	10 05
Blacksmithing	89 95
Printing, stationery and postage	215 86
Hardware, tools and implements	901 22
Switches and fuses	65 00
Stabling and shoeing	2,704 00
Vehicles, harness and repairs	640 75
Lumber	31 49
Horses, covers and doctor bills	170 00
Repairs of sidewalks, etc	102 60
Telegraph poles, cross-arms, etc	7,064 92
Street car tickets for repairers	50 00
Wire. Cables, etc	7,615 31
Battery material	330 21
Magneto bells and cords	20 00
Rent for telephones	285 00
Hire of horses and wagons	1,958 00
New keyless doors	2,500 00
Charcoal	24 49
Rubber boots and gloves	51 50
Register paper and ink	42 50
Locks and keys	75 00
Correct time	130 00
	$79,550 18

FIRST DISTRICT POLICE COURT, CLERK'S OFFICE,
ST. LOUIS, MO., April 20th, 1897.

Honorable Henry Ziegenhein, Mayor of the City of St. Louis:

SIR—In compliance with the requirements of the Ordinance regulating Police Courts, I beg leave to submit to your Honor a report of the business of the First District Police Court for the year ending March 31st, 1897.

GENERAL VIEW.

MONTHS.	No. of Cases tried and carried over.	No. of State Cases and Dismissals.	No. of Cases in which Fines were imposed.	No. of Cases in which Fines were paid.	No. of Execut'ns sent to the Workhouse.	No. of Executions "otherwise" returned	Amount of Fines imposed, and am't of Execut's and Fee Bills deliv. to the City Marshal for collection. Fines Imposed	Cost to be Collected.	Witness and Jury Fees to be Collected.	Total to be Collected.	Amount of Executions and Fee Bills returned "satisfied" by the City Marshal. Fines Paid.	Costs Paid.	Witness and Jury fees paid.	Total Amount Collected.	Amount of Executions sent to the Workhouse. Fines.	Costs.	Witness and Jury Fees.	Total.	Amount of Executions otherwise returned by the City Marshal. Fines.	Costs.	Witness and Jury Fees.	Total.
April, 1896	939	616	323	125	176	22	$ 3834 00	$ 969 00	$ 14 25	$ 4817 25	$ 87 00	$375 00	$ 6 25	$468 25	$ 3012 00	$ 528 00	$ 4 00	$ 3544 00	$ 735 00	$66 00	$ 4 00	$ 805 00
May	1100	736	364	157	179	28	5684 15	1092 00	10 50	6786 65	115 00	471 00	9 00	595 00	4744 00	537 00	......	5281 00	825 15	84 00	1 50	910 65
June	1332	969	363	106	223	34	6764 00	1089 00	11 75	7864 75	65 00	318 00	8 00	391 00	5044 00	669 00	3 75	5716 75	1655 00	102 00	....	1757 00
July	1206	855	351	92	219	40	9463 00	1053 00	15 25	10531 25	20 00	276 00	8 00	304 00	7383 00	657 00	1 25	8041 25	2060 00	120 00	6 00	*2186 00
August	1207	894	313	68	184	61	7750 00	939 00	9 25	8698 25	27 00	204 00	5 50	236 50	5343 00	552 00	75	5895 75	2380 00	183 00	3 00	2566 00
September	1163	849	314	111	151	52	6141 00	942 00	10 25	7093 25	45 00	333 00	3 00	381 00	4281 00	453 00	2 00	4736 00	1815 00	156 00	5 25	1916 25
October	907	658	249	63	141	45	5514 00	747 00	17 00	6278 00	20 00	189 00	5 00	214 00	3619 00	423 00	12 00	4054 00	1875 00	135 00	....	2010 00
November	957	637	320	91	190	39	8353 00	960 00	3 75	9316 75	20 00	273 00	75	293 75	7200 00	570 00	75	7770 75	1133 00	117 00	2 25	1252 25
December	1267	860	407	107	235	65	9928 00	1221 00	6 50	11155 50	105 00	321 00	1 75	427 75	6993 00	705 00	75	7698 75	2830 00	195 00	4 00	†3029 00
January, 1897	788	584	204	60	90	54	4700 00	612 00	4 00	5316 00	45 00	180 00	2 50	227 50	2965 00	275 00	....	3235 00	1690 00	162 00	1 50	‡1853 50
February	627	426	201	66	92	43	3538 00	603 00	13 25	4154 25	30 00	198 00	6 50	234 50	2603 00	276 00	1 75	2880 75	905 00	129 00	5 00	1039 00
March	833	595	238	72	129	37	5326 00	714 00	15 75	6055 75	20 00	216 00	12 25	248 25	3666 00	387 00	3 50	4056 50	1640 00	111 00	....	1751 00
	12326	8679	3647	1118	2009	520	$76995 15	$10941 00	$131 50	$88067 65	$599 00	$3354 00	$68 50	$4021 50	$56853 00	$6027 00	$30 50	$62910 50	$19543 15	$1560 00	$32 50	$21135 65

*On remits from the Mayor, paid by Marshal, $42.50. †On remits from the Mayor, paid by Marshal, $3.00. ‡On remits from the Mayor, paid by Marshal, $21.00. Total, $66.50.

RECAPITULATION.

Total number of Cases tried and carried over	12,326		
Total number of State Cases and dismissals		8,679	
Total number of Fines imposed		3,647	
		12,326	
Total number of Fines paid			1,118
Total number of Workhouse Executions			2,009
Total number of Executions "otherwise" returned			520
			3,647
Total amount of Fee Bills and Executions delivered to the City Marshal for collection	$88,067 65		
Amount of Fee Bills and Executions returned "satisfied"			$ 4,021 50
Amount of Executions sent to the Workhouse			62,910 50
Amount of Executions otherwise returned			21,135 65
			$88,067 65

NOTE.—The Marshal paid out on remits from the Mayor $66.50 which taken from above $4,021.50—$4,021.50 from $60.50—shows $3,955.00 as true cash return.

	Items of Executions "otherwise" returned	$21,135 65	
292	Cases stayed by the Mayor		$5,076 50
16	Cases returned "Nulla Bona"		723 50
172	Cases Appealed		10,566 65
17	Cases carried over and 2 Contempt Cases		887 50
10	Cases stayed by Police Justice and 1 partly		265 00
3	Cases sent to House of Refuge		106 50
14	Cases in which Fines were partly remitted by the Mayor		255 00
10	Cases sent to Circuit Court, Bond forfeitures		2,000 00
10	Cases delivered on order of Court of Criminal Correction		1,255 00
520			$21,135 65

NOTE.—Carried over cases, being reported twice over when execution is issued and again when return is made, must be counted out.

From	3647 cases fined	$88,066 65
Take	17 cases carried over	887 50
	3630	$87,180 15

All of which is respectfully submitted,

JOHN F. McENNIS,
Clerk of the First District Police Court.

SECOND DISTRICT POLICE COURT, CLERK'S OFFICE,
ST. LOUIS, MO., October 15th, 1897.

Honorable Henry Ziegenhein, Mayor of the City of St. Louis:

SIR—In compliance with the requirements of the Ordinance regulating Police Courts, I beg leave to submit to your Honor a report of the business of the Second District Police Court for the year ending March 31st, 1897.

GENERAL VIEW.

MONTHS.	No. of Cases tried and carried over.	No. of State Cases and Dismissals.	No. of Cases in which Fines were imposed.	No. of Cases in which Fines were paid.	No. of Execu. sent to the Workhouse.	No. of Executions "otherwise" return'd.	Amt. of Fines imposed, and amt. of Executions and Fee Bills delivered to the City Marshal for collection.				Amount of Executions and Fee Bills returned "satisfied" by the City Marshal.				Amount of Executions sent to the Workhouse.				Amount of Executions otherwise returned by the City Marshal.			
							Fines Impo'd.	Costs to be Collected.	Witness and Jury Fees to be Collected.	Total to be Collected.	Fines Paid.	Costs Paid.	Witness and Jury Fees Paid.	Total Amount Collected.	Fines.	Costs.	Witness and Jury Fees.	Total.	Fines.	Costs.	Witness and Jury Fees.	Total.
April, 1896	705	522	183	89	69	25	$1108 00	$549 00	....	$1657 00	$10 00	$267 00	.....	$277 00	$748 00	$207 00	.....	$955 00	$350 00	$75 00	......	$425 00
May	687	503	184	82	68	34	1700 00	552 00	$3 00	2255 00	35 00	246 00	$3 00	284 00	990 00	204 00	.....	1194 00	675 00	102 00	....	777 00
June	758	553	205	81	90	34	2505 00	615 00	9 00	3129 00	15 00	243 00	.. ..	258 00	1745 00	270 00	.....	2015 00	745 00	102 00	$9 00	856 00
July	774	609	165	59	75	31	2745 00	492 00	3 00	3240 00	10 00	177 00	.....	187 00	1970 00	225 00	.....	2195 00	265 00	90 00	3 00	858 00
August	828	555	273	98	130	45	2660 00	819 00	6 00	3485 00	60 00	294 00	.....	354 00	1655 00	390 00	....	2045 00	945 00	135 00	6 00	1086 00
September	815	569	246	118	84	44	2005 00	738 00	6 00	2749 00	....	354 00	......	354 00	1005 00	252 00	......	1257 00	1000 00	132 00	6 00	1138 00
October	567	443	124	55	47	22	663 00	372 00	......	1035 00	....	165 00	.....	165 00	498 00	141 00	.....	639 00	165 00	66 00	.....	221 00
November	600	441	159	67	71	21	1180 00	474 00	3 00	1657 00	....	201 00	.....	201 00	1005 00	213 00	......	1268 00	125 00	60 00	3 00	188 00
December	683	483	200	68	84	48	2075 00	600 00	....	2675 00	5 00	204 00	......	209 00	1700 00	252 00	......	1952 00	370 00	144 00	.....	514 00
January, 1897	455	338	117	42	51	24	1095 00	351 00	....	1446 00	15 00	126 00	....	141 00	785 00	153 00	......	938 00	295 00	72 00	.....	367 00
February	383	268	115	32	52	31	1943 00	345 00	....	2288 00	.... ..	96 00	.....	96 00	1583 00	156 00	......	1739 00	360 00	93 00	.....	453 00
March	473	367	106	24	34	48	1047 00	318 00	....	1365 00	2 00	72 00	......	74 00	510 00	102 00	......	612 00	535 00	144 00	.....	670 00
	7728	5651	2077	815	855	407	$20726 00	$6225 00	$30 00	$26981 00	$152 00	$2445 00	$3 00	$2600 00	$14244 00	$2565 00	......	$16809 00	$6330 00	$1215 00	$27 00	$7572 00

RECAPITULATION.

Total number of cases tried and carried over	7,728		
Total number of State cases and dismissals		5,651	
Total number of Fines Imposed		2,077	
		7,728	
Total number of Fines Paid			815
Total number of Workhouse Executions			855
Total number of Executions "otherwise" returned			407
			2,077
Total amount of Fee Bills and Executions delivered to the City Marshal for collection	26,981		
Amount of Fee Bills and Executions returned "satisfied"			2,600
Amount of Executions sent to the Workhouse			16,809
Amount of Executions otherwise returned			7,572
			26,981

	Items of Executions "otherwise" returned.	
287	Cases stayed by the Mayor	3,086
13	Cases returned "Nulla Bona"	179
88	Cases appealed	3,931
11	Cases carried over	253
6	Sent to House of Refuge	88
2	Cases in which the Mayor remits part of Fine	35
407		7,572

All of which is respectfully submitted,

ADOLPH KLEINTOPH,
Clerk of the Second District Police Court.

DISTRICT POLICE COURT, SOUTH OF OSCEOLA STREET, CLERK'S OFFICE,
ST. LOUIS, MO., April 1st, 1897.

Honorable Henry Ziegenhein, Mayor of the City of St. Louis:

SIR – In compliance with the requirements of the Ordinance regulating Police Courts, I beg leave to submit to your Honor a report of the business of the District Police Court South of Osceola street, for the year ending March 31st, 1897.

GENERAL VIEW.

MONTHS.	No. of Cases tried and carried over.	No. of State Cases and Dismissals.	No. of Cases in which Fines were imposed.	No. of Cases in which Fines were paid.	No. of Execut'ns sent to the Workhouse.	No. of Executions "otherwise" return'd.	Amt. of Fines imposed and amt. of Execut's & Fee Bills del'd to the City Marshal for collection.				Amount of Executions and Fee Bills returned "satisfied" by the City Marshal.				Amount of Executions sent to the Workhouse.				Amount of Executions otherwise returned by the City Marshal.			
							Fines imposed	Cost to be Collected.	Witness and Jury Fees to be collected.	Total to be collected.	Fines Paid.	Costs Paid.	Witness and Jury Fees Paid.	Total Amount Collected.	Fines.	Costs.	Witness and Jury Fees.	Total.	Fines.	Costs.	Witness and Jury Fees.	Total.
April	30	19	11	1	3	7	$ 65 00	$24 00	$ 3 50	$ 92 50	$ 5 00	$15 00	$ 3 50	$23 50	$ 60 00	$ 9 00	.....	$ 69 00	....	....	......	....
May	33	11	22	1	12	9	188 00	48 00	2 00	238 00	10 00	12 00	1 00	23 00	178 00	36 00	$1 00	215 00	....	....	......	....
June	27	17	10	...	4	6	38 00	27 00	4 50	69 50	....	12 00	3 00	15 00	38 00	12 00	.....	50 00	....	$ 3 00	$1 50	$ 4 50
July	31	7	24	....	12	12	255 00	66 00	1 50	322 50	15 00	24 00	50	39 50	230 00	36 00	1 00	267 00	$10 00	6 00	......	16 00
August	35	15	20	...	5	15	70 00	51 00	3 50	124 50	....	30 00	3 50	33 50	55 00	15 00	......	70 00	15 00	6 00	....	21 00
September	51	27	24	3	2	19	90 00	36 00	11 50	137 50	5 00	24 00	11 00	40 00	70 00	6 00	......	76 00	15 00	6 00	50	21 50
October	32	19	13	....	4	9	275 00	33 00	2 00	310 00	5 00	18 00	2 00	25 00	260 00	12 00	.....	272 00	10 00	3 00	.....	13 00
November	27	13	14	...	1	13	515 00	15 00	....	530 00	5 00	12 00	....	17 00	500 00	3 00	......	503 00	10 00	....	......	10 00
December	23	6	17	1	1	15	40 00	30 00	1 75	71 75	10 00	24 00	1 75	35 75	25 00	3 00	......	28 00	5 00	3 00	.....	8 00
January	16	10	6	5	....	1	40 00	18 00	2 00	60 00	35 00	15 00	2 00	52 00	....	....	......	....	5 00	3 00	.....	8 00
February	36	21	15	1	5	9	525 00	39 00	50	564 50	....	15 00	....	15 00	515 00	18 00	50	533 50	10 00	6 00	... .	16 00
March	53	18	35	2	4	29	100 00	60 00	8 25	168 25	35 00	30 00	....	65 00	25 00	12 00	.....	37 00	40 00	18 00	8 25	66 25
	394	183	211	14	53	144	$2201 00	$447 00	$41 00	$2689 00	$125 00	$231 00	$28 25	$384 25	$1956 00	$162 00	$2 50	$2120 50	$120 00	$54 00	$10 25	$184 25

RECAPITULATION.

Total number of Cases tried and carried over		394
Total number of State Cases and dismissals		183
Total number of Fines Imposed		211
Total number of Fines Paid		$ 384 25
Total number of Workhouse Executions		2120 50
Total number of Executions "otherwise" returned		184 25
		$2689 00
Total Amount of Fee Bills and Executions delivered to the City Marshal for collection	$2689 00	
Amount of Fee Bills and Executions returned "satisfied"	384 25	
Amount of Executions sent to the Workhouse	2120 50	
Amount of Executions otherwise returned	181 25	

Items of Execution "otherwise" returned	
Cases stayed by the Mayor	$103 25
Cases returned "Nulla Bona"	8 00
Cases Appealed	....
Cases carried over	63 00
Cases stayed by Police Justice	10 00
Cases sent to House of Refuge	....
Cases in which Fines were partly remitted by the Mayor	... .
Cases sent to Circuit Court	....
	$184 25

All of which is respectfully submitted,

SLOAN PITZER,
Clerk of the Police Court South of Osceola St.

ANNUAL REPORT

OF THE

BOARD OF DIRECTORS OF THE ST. LOUIS PUBLIC (FREE) LIBRARY.

To Hon. Henry Ziegenhein, Mayor of St. Louis:

Dear Sir — The end of another year's service in this department of the city makes it incumbent upon the Board of Directors of the Public Library to present its annual report.

With this and as a portion of this report we attach the annual report to this Board of our very efficient Librarian. In addition to the usual statistics and other facts showing the rapid growth and also showing conclusively the important part the Library is playing in the progress and culture of the city, may be found the financial statement sworn to by the proper officials as required by law. A careful comparison of this financial statement with that of any other public library similarly situated will not be unfavorable, especially when are considered the large rental and elevator expenses, which still absorb so considerable a percentage of our current income. We do not call attention to this fiscal record in any spirit of boasting, but to show that our resources are in such a condition that nothing but the most rigid economy, such as has been practiced, will enable the Board to perform its necessary work and complete payments on the site selected for a future home for the Library, as set forth in the last annual report.

Early in 1896, the School Board notified the Library Board that it must have room in the Blow School Building, which had been occupied by the Carondelet Branch library established by the Library when under the management of the Life Members and the School Board. Efforts were made in connection with public-spirited citizens of South St. Louis to continue this branch on a scale of expenses which could be justified by the Board, but in vain. The branch was discontinued, and delivery stations substituted, much to the disappointment of the patrons of this branch, who had so long been accustomed to this great convenience.

This form of library extension is very efficient, and affords a method of increasing the usefulness of the main library manyfold. Your Board hopes that some day the income at its disposal will enable it to establish branch libraries in eligible districts all over the city. A resolution has been adopted, and is on record, offering to furnish books and periodicals to any community in the city that will secure at its own expense a suitable room and custodian. For the present, however, the free delivery stations must be our only relief from the congestion of our main delivery department.

These delivery stations now number thirty, and the Librarian's statistics will show the great increase in their use and how much they are appreciated.

The importance of in some way securing a fund for the erection of a suitable library building, which would not only be a permanent home but also an edifice thoroughly equipped for its work and in every way creditable to a city of this magnitude, was fully set forth in the last annual report of the Board. How it was to be accomplished, was the problem that must be solved. As no citizen of wealth had been moved to seize this opportunity and attach his name to an everlasting monument of his devotion to his city and her future greatness, the only alternative was for the citizens to obligate themselves to pay for this much-needed building.

To do this it was necessary to obtain authority from the State legislature. A statute was prepared authorizing cities of a certain size to levy an additional tax for a period of five years for library building purposes only. The Library Law of 1885 permitted cities to tax themselves only for a permanent maintenance fund. The statute is similar in some respects to the Illinois law, and was prepared by the legal member of the Board, Mr. Arthur Lee, to whose professional services, always freely given, we are indebted for this and much other legal advice. The bill passed the Senate March 2nd and the House March 15th. In accordance with an emergency clause attached it received promptly the signature or the Governor, and became a law March, 17th.

We wish here to publicly acknowledge the assistance rendered by our own Senators and Representatives and others from different parts of the State in securing the passage of this very important law. The provisions of the act required the question to be submitted to the legal voters at some regular election. The first opportunity that presented itself for such submission was at the election of April 6th last. The time was all too short to conduct a campaign of education necessary to fully inform the voting public of the great importance of this measure to the city; but the Board decided to make the attempt, and the necessary petition was filed which resulted in the question being submitted on the official ballot.

We take much pleasure in testifying to hearty and cordial support which the proposed slight increase in taxation received from every newspaper, without a single exception, in the city, all uniting in earnest advocacy of the measure.

The vote while gratifying in that a large majority voted in favor of the very small increase of the taxes for this purpose, yet lacked some 6,000 of the necessary two-thirds majority to make it effective. Had the seventeen thousand voters who failed to express themselves at that time, realized the importance of carrying the measure at this election the result might have been different. As it is the next chance for its adoption will not be until the fall of 1898. So the relief much sought for by the Board is indefinitely postponed, but the way is provided. It is hoped that before another regular election, the voting public may become so well informed in regard to the great needs of the Library that the measure, when again submitted, will be passed with ease and a beginning can be promptly made upon a convenient, commodious, permanent home for this large library.

A library, in the fourth city of this Republic, which is occupying rented quarters in the sixth and seventh floors of a mercantile building, far from being fire-proof, is hardly in keeping with the progress of the age. It is not necessary at this time to enter into any argument in favor of the free library. Its value is conceded everywhere, and its influence for good is increasing rapidly. The library, co-operating with the school and home, becomes the powerful ally of teacher and parent. Co-operating with factory or office it serves both employer and employee. Fortunate is the city that has for its librarian a man who is a moving spirit, and still more fortunate the community who, like St. Louis, has a librarian who stands in the fore front of his profession, and who by his selection of books and advice given to readers, ever sets before the people food that will make them rational and moral. We are pleased to record that another city appreciating to the fullest extent the qualifications of our librarian made a most strenuous but unsuccessful effort to induce him to give up his work here and go to it. The inducements offered pecuniarily and otherwise were most tempting, but Mr. Crunden was constrained to remain and assist in the accomplishment of his heart's desire in his native city.

In conclusion, we would submit to your Honor the responsibility resting with you in making appointments to this Board. As the duties are arduous, without salary or any emoluments other than a consciousness of duty faithfully done, selections should be made from such citizens as are well known, who possess a reputation for integrity and uprightness fully established in the community, and who can be induced to take this reponsibility inspired solely by civic pride, and an earnest desire to conscientiously discharge their duty in extending the greatest good to the greatest nnmber by a wise administration of this most potent agency.

Respectfully submitted,

OSCAR L. WHITELAW,
President.

REPORT OF THE LIBRARIAN.

To the Honorable Board of Directors of the St. Louis Public (Free) Library:

I have the honor to submit herewith my annual report for the year ending April 30, 1897, the second complete year of the operation of the institution as a Free Library.

During this year the total registration increased from 38,421 to 51,476, and the number of cards in use from 31,486 to 41,361. The issue of books for home reading grew from 472,718 volumes to 551,059, and the total issue in all departments from 688,492 to 787,028. More than 8,000 volumes were added to the collection which at the end of the year contained about 115,000 volumes. Before this report appears in print it will number over 120,000 volumes.

FINANCES.

The following statement shows the receipts and expenditures. The more important points are as follows:—

The revenue from the city tax of one-fifth of a mill was $94,663.32.

The receipts from fines amounted to $2,752.48, an increase of $150 over the previous year; while the total desk receipts were $3,741.31, an increase of not quite $100 over the previous year.

During the year payments amounting to $24,872.58 were made on the ground purchased the previous year, making $65,931 thus far saved out of current revenues and paid towards securing a building site. Aside from this the total expenditure for the year was $46,720.67, which is nearly $3,000 less than the expenditure of the previous year, notwithstanding the fact explained below that this year's accounts include certain expenses properly belonging to the year before.

If the comparison with the previous year is carried into detail, there appears to be a surprising increase in three items of expense. In light there is an excess of $300; in electric power, $500; and in salaries of elevator conductors, $800. This apparent increase is due to the fact that the bill for the final quarter of the previous year was presented too late for payment in that year, and therefore this year's accounts include the payment of bills of five quarters. The apparent diminution of the cost of heat on Sundays and holidays from $496 to $146 is accounted for by the fact that in the last report all the extra charges for Sundays and holidays, including fuel, salaries for elevator conductors and for engineers and firemen were grouped under the head of extra charges for Sundays and holidays. The two items for electric power and conductor's salaries are here placed under those headings, which account further for the increase in those items, as mentioned above.

The reduction of nearly $250 in the expenditure for insurance is due to a brief period of rate-cutting which happened to cover the dates of expiration of a number of our policies.

Considering the expansion of the delivery station system, it is rather surprising that the increase of expense was only $200.

RECEIPTS AND EXPENDITURES FOR THE YEAR ENDING MARCH 31, 1897.

Dr.

To bal. in City Treas. Apr. 13, 1896		$30,802 45	
Collections Apr. 13, 1896, to Apr. 12, 1897		64,663 32	
			$95,465 77
Bal. in Bank Fund Apr. 1, 1896			5,400 05
Bal. in Contingent Fund Apr. 1, 1896			49 04
Coll. of Dup. Cards sold	$650 02		
Mag. sold	34 30	$684 32	
Fines		2,752 48	
Books sold, lost and paid for		162 10	
Lost cards		99 65	
Catalogues and bulletins		29 65	
Postals		9 43	
Old paper, etc		3 38	
Total desk receipts			3,741 31
Rent			1,879 56
Interest			187 72
Total			$106,723 45

Cr.

By salaries			$20,126 54
Books, Main Library		$6,809 90	
Collection of Duplicates		420 35	
Binding		3,887 35	
Periodicals		905 48	
			$12,023 08
Building.			
Notes. (Payments on building site)		$24,872 58	
Rent		5,000 01	
Light		1,586 79	
Elevator Salaries (for 5 quarters)		1,828 61	
Electric power.		1,303 39	
Heat, Sundays and Holidays		146 97	
Water		138 52	
Furniture and Repairs		580 32	
Insurance		632 60	
			36,089 79
Expense.			
Election Expenses		$506 75	
Delivery Stations		933 35	
Postage		201 95	
Printing and Stationery		928 39	
Sundries		550 60	
Supplies		232 80	3,353 84
Total expenditures (including payments made on real estate)			$71,953 25
Bal. in Bank Fund April 1, 1897.			
Cert. of deposit	$10,000 00		
Current deposit	490 47		10,490 47
Bal. in contingent fund April 12, 1897			101 80
Bal. in City Treasury April 12, 1897			24,537 93
			$106,723 45

REGISTRATION.

The total registration to April 30, 1896, was 38,421, with 31,486 cards in use.

During the past year the registration has increased to 51,476 and the cards in use to 41,361. Particulars are given in the following table:—

Names registered to April 30, 1896		38,421
Additions for the year ending April 30, 1897.		
Institutions	69	
Men	2,988	
Women	3,369	
Children	6,629	13,055
Total		51,476
Total registration to April 30, 1897.		
Institutions	116	
Men	14,408	
Women	15,790	
Children	21,162	51,476
Less guarantors withdrawn	341	
Less canceled	45	
Less dead	57	
Less left town	531	
Less held for fines	1,200	
Less not yet called for	7,941	10,115
Total number of cards in use April 30, 1897		41,361

ADDITIONS TO THE LIBRARY.

The past year has marked about the same growth in the collection as the year before. The table given below shows more books purchased and fewer received as gifts. The total of additions is 8,229 volumes, and the net increase 7,323 volumes. Those who took the pains to read the explanation of the process of cataloguing and preparing a book for circulation which I gave in my report for 1895, will understand that there is considerable work involved in cataloguing and placing on the shelves nearly 700 volumes a month. The following tables give full details regarding classes, sources and languages:—

ADDITIONS FOR THE YEAR ENDING APRIL 30, 1897.

Classes.	Reg. Library.	Coll. of Duplicates.	Totals.
Philosophy	49	....	49
Theology	275	....	275
Social Science	1,053	....	1,053
Natural Science	793	....	793
Art and Poetry	267	....	267
Fiction	2,009	250	2,259
Juvenile Literature	2,364	....	2,364
Literary Miscellany	299	....	299
Travels and History	538	....	538
Cyclopaedias and Periodicals	332	....	332
	7,979	250	8,229

Source.			
Purchase	6,440	249	6,689
Gift	1,032	1	1,033
Pamphlets, bound	84	....	84
Periodicals, bound	423	....	423
	7,979	250	8,229
Language.			
English	7,795	250	8,045
French	39	....	39
German	115	....	115
Spanish and Italian	30	....	30
	7,979	250	8,229

350 periodicals were added to complete sets.

BOOKS WORN OUT, LOST AND PAID FOR, ETC.

Worn out and condemned		751
Destroyed in cyclone		19
Lost and paid for		81
Sold		2
Charged to card-holders	51	
Drawn for use in Reading-room	2	53
Total		906
Total additions		8,229
Less above		906
Net increase		7,323

Of the 751 volumes worn out, 147 were damaged in the cyclone; 305 of the whole number withdrawn were replaced by new copies; and of the 81 lost and paid for, 60 were replaced.

While the Library has endeavored to supply the wants of the many, the requirements of students have also received attention. Among the additions of the year are hundreds of works of great and permanent value, costing from four or five dollars up to twenty dollars each. A few titles are given below. Such purchases necessarily raise the average cost of the additions per volume, which this year was $1.08.

IMPORTANT ADDITIONS.

Anderson, W. C. Dictionary of law. Q.

Baird, H. M. Huguenots. 2 v.

Berlioz, H. Treatise on modern instrumentation.

Bloxam, M. H. Principles of Gothic ecclesiastical architecture. 3 v.

Blyth, A. W. Poisons, their effects and detection.

Boedecker, C. F. W. Anatomy and pathology of the teeth. Q.

Bourgeois, E. Century of Louis XIV. F.

Bowie, A. J. Practical treatise on hydraulic mining in California. Q.

Brunor, M. Practical electroplater.

Byrne, A. T. Treatise on highway construction.

Colyer, F. Hydraulic, steam and hand power. Q.

Crockford's clerical directory. 1896.

Depew, C. M., *ed.* One hundred years of American commerce. 2 v. Q.

EGYPT Exploration Fund. Publications. F.
FARMER, S. History of Detroit and Michigan. 2 v. Q.
FLETCHER, B. & B. F. A hist. of architecture.
GOWER, *Lord*. Dispatches.
GROVES, C. E., *and* Thorp, W., *eds*. Chemical technology. 2 v.
HANSARD. Parliamentary debates. 66 v.
HAZLITT, W. C. History of the Venetian republic. 4 v.
HISTORY of banking in all the leading nations. 4 v. Q.
HOUSTON, E. J. Dictionary of electrical words, terms and phrases. Q.
JESUIT relations; ed. by R. G. Thwaites. v. 1–5.
JONES, L. A. Forms in conveyancing. Q.
LANG, A. Life and letters of Lockhart. 2 v.
LEA, H. C. History of auricular confession. 3 v.
MUTHER, R. History of modern painting. 3 v. F.
NANSEN, F. Farthest north. 2 v.
NATIONAL cyclopaedia of American biography. v. 6. Q.
PARSHALL, H. F. *and* Hobart, H. M. Armature windings of electric machines. Q.
PASTOR, L. History of the popes. 4 v.
PURCELL, E. S. Life of Cardinal Manning. 2 v.
RASHDALL, H. Universities of Europe in the middle ages. 3 v.
ROBERTS, F. S. Forty-one years in India. 2 v.
RODENBOUGH, T. F., *and* Haskin. Army of the U. S.
SPRAGUE, I., *and others*. Flowers and ferns of America. 2 v. Q.
STURGIS, R. European architecture.
TAYLOR, H. O. Ancient ideals. 2 v.
THURSTON, R. H. Manual of the steam engine. Pt. 2.
VAN RENSSELAER, *Mrs*. S. English cathedrals. Q.
VLADIMIR. China-Japan war.
WARNER, C. D., *and others eds*. Library of the world's best literature. v. 1–8. Q.
WEGMAN, E. Water supply of the city of New York. 1658–1895. F.
WELCH, C. Modern history of the city of London. F.
WHEATON, H. History of the law of nations.

EXCHANGES AND DONATIONS.

Of the 8,229 volumes catalogued and placed on the shelves during the year, 1,033 were donations or exchanges. Some of these were received the previous year and acknowledged in my last report. The donations and exchanges of the past year amount to 1,163 volumes and 3,069 pamphlets, a complete list of which will be found in an appendix.

Among our most valued exchanges are the State Libraries of New York, Pennsylvania and Vermont. The Superintendent of Documents has taken pains to supply us with such United States documents as were under his control. Hon. Carroll D. Wright has sent to the library all the documents issued by his bureau, which are among the most valuable of government publications; and Hon. Seth W. Cobb, representative from the twelfth Missouri district, has always responded promptly and cheerfully to requests for U. S. documents. Among friends at home whose gifts call for special mention are Miss Leonora B. Halstead, Mrs. H. T. Wilcox, M. D., the Post-Dispatch, and Dr. D. R. McAnally, who, in pursuance of his plan to develop the collection given to the Library by his father, is a constant contributor.

CONTENTS OF THE LIBRARY.

Taking the inventory of 1895 as a basis and adding the books entered in each class since that date, we obtain the following table showing the

CLASSIFIED CONTENTS OF THE LIBRARY, APRIL 30, 1897.

Classes.	Reg. Library.	Coll. of Duplicates.	Totals.
Philosophy	1,273	1	1,274
Theology	5,046	....	5,046
Social Science	16,635	1	16,636
Natural Science	15,198	5	15,203
Art and Poetry	6,460	11	6,471
Fiction	22,580	1,272	23,852
Juvenile Literature	11,606	13	11,619
Literary Miscellany	6,514	9	6,523
Travels and History	14,386	15	14,401
Cyclopaedias and Periodicals	9,950	2	9,952
Total	109,648	1,329	110,977

SUMMARY.

Total of entered books, April 30, 1897			110,977
Less { Books worn out, lost and paid for, etc.	} Since June 21, 1895.	1,993	
Less { Entered duplicates, donated and exchanged.		518	2,511
Total of entered books May, 1897			108,466
Books not yet catalogued (about)			3,000
Unentered duplicates (about)			2,000
Volumes of unbound magazines (about)			1,000
Total contents of Library, May 1, 1897			114,466

BINDING.

The records in this department make a favorable comparison with those of the previous year. There were 905 volumes (periodicals, pamphlets and books received in paper covers) bound for the first time at a cost of $589.05, an average of $63\frac{9}{10}$ cents. In volumes rebound by contract there was a reduction in number from 11,385 to 6,208 and in cost from $45\frac{3}{10}$ cents to $41\frac{1}{5}$ cents. The reduction in cost per volume is owing chiefly to the substitution of cloth for leather. It has been found that leather, while costing more, does not, for some classes of books, last as long as good linen or other textile fabrics. The decrease in the number of books rebound by contract is owing partly to the fact that the work of the previous year had put the collection into better condition and partly to the greater number repaired in the Library, — 13,777, costing (for material and salaries) $712.64 or $5\frac{1}{10}$ cents per volume, as against 11,381 the previous year. The repairs range from the patching or fastening of a few leaves to the complete rebinding of a book. The rebinding is done in duck or cloth and is limited to books that are subject to but little wear and tear. The monthly reports on this work are summarized as follows:—

Leaves patched, 4141 volumes; leaves replaced, 2849 volumes; backs replaced, 2412 volumes; backs patched, 2328 volumes; new backs, 506 volumes; back lettered, 681 volumes; books sewed, 255 volumes; new covers, 505 volumes.

CIRCULATION.

The statistics for the year show an increase of 78,341 volumes, or more than 16%, in the home issue, of 5,158, or 11%, in the use of books for reference and 14,587, or 8½%, in the reading-room issue, making a gain of 98,086, or 14%, in the total use. The discrepancy between the recorded issue and the books really used in the reference department naturally grows greater every year. With the increasing number of students and the greater freedom given them it becomes more and more difficult to keep a count of the number of volumes consulted by them. It is safe to say the record given of books used in the reference department falls 10,000 volumes short of the real number. Full particulars regarding the issue are given in the following tables:—

ISSUED BY MONTHS FOR THE YEAR ENDING APRIL 30, 1897.

	HOME ISSUE.				Library Issue.	Reading Room Issue.	Total.
	Main Library.	Delivery Station.	Sunday Schools & Social Settlements.	Total.			
May	30527	5784	....	36311	3747	12606	52664
June	32666	4737	....	37403	2995	14190	54588
July	33681	5134	....	38815	3113	10071	51999
August	34858	4551	....	39409	2835	9750	51994
September	31416	4526	....	35942	2913	13200	52055
October	33543	5850	....	39393	4196	16234	59823
November	36566	8029	257	44852	5107	16327	66286
December	38822	10657	1052	50531	4860	17483	72874
January	41729	10978	1730	54437	5310	18440	78187
February	41408	11744	2491	55643	4877	19409	79929
March	44641	14258	3137	62036	5584	21185	88805
April	39733	13668	2886	56287	5703	15834	77824
1896–97	439590	99916	11553	551059	51240	184729	787028
1895–96	426499	40302	5917	472718	46082	170142	688942
Gain	13091	59614	5636	78341	5158	14587	98086

CLASSIFIED CIRCULATION.

	Home Issue.	Per Cent.	Library Issue.	Per Cent.	Total. Issue. of Books.	Per Cent.
Philosophy,	2424	.44	685	1.33	3109	.52
Theology	3742	.68	1693	3.30	5435	.90
Social Science	9028	1.64	5541	10 82	14569	2.42
Natural Science	14322	2.60	5215	10 18	19537	3.24
Art and Poetry	13483	2.45	5323	10 39	18806	3.12
Fiction	321023	58.25	9319	18 19	330342	54.85
Juvenile	144354	26 20	3302	6.44	147656	24.52
Literary Miscellany	11999	2.18	4169	8 14	16168	2.68
Geography and History	24826	4.50	6454	12.60	31280	5.19
Cyclopaedias and Magazines	5858	1.06	9539	18.61	15397	2.56
	551059	100.00	51240	100.00	602299	100.00

Owing to the miscellaneous contents of most periodicals, an exact classication of them is impossible. Periodicals in the reading-room are roughly classed by their leading characteristics; and on this is based the following table, showing the

CLASSIFIED READING-ROOM ISSUE.

	Issue.	Per Cent.		Issue.	Per Cent.
Physiology	383	.21	Fiction	10085	5.43
Religion	2537	1.37	Juvenile	38439	20 81
Social Science	49956	27.05	Literary Misc	646	.35
Natural Science	25615	13.87	Geog. and Hist	53924	29.20
Art and Poetry	3144	1.71			
Total				184729	100.00

DELIVERY STATIONS.

The extension of the delivery station system has produced results none the less gratifying because predicted. The number of stations has increased from 24 to 30; the circulation through them from 40,302 volumes to 111,469 volumes, or from less than 10 per cent to more than 20 per cent of the entire home issue. The detailed statement of the monthly issue from each station is given below:—

DELIVERY STATION ISSUE.

Station No.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Total.
1	214	25	17	130	112	210	407	589	523	473	546	488	3,734
2	223	335	319	287	241	332	487	482	429	488	542	484	4,649
3	102	120	135	149	106	132	181	275	271	285	361	372	2,489
4	220	217	234	184	139	187	273	296	217	271	327	265	2,830
5	495	488	459	467	333	392	522	596	489	497	551	470	5,759
6	376	362	292	228	265	297	402	517	537	570	589	592	5,027
7	44	40	34	51	31	45	299	879	754	875	990	814	4,856
8	250	223	220	211	225	213	250	298	380	434	550	527	3,781
9	332	.....	22	59	92	119	115	111	123	130	119	103	1,325
10	369	40	108	177	185	282	401	372	389	385	444	466	3,618
11	26	6	.....	.....	....	326	323	396	358	373	377	434	2,619
12	116	107	103	96	76	78	125	167	177	175	163	202	1,585
13	51	49	35	32	48	169	179	200	200	226	244	235	1,668
14	129	102	82	85	61	.....	50	323	545	631	818	834	3,660
15	85	70	41	46	39	59	184	343	240	310	317	256	1,990
16	328	245	278	239	243	284	316	385	495	513	628	558	4,512
17	285	281	309	381	351	432	393	412	478	455	537	409	4,723
18	166	195	235	242	221	246	324	371	387	339	472	405	3,603
19	251	3	47	19	.....	123	274	410	438	461	573	417	3,016
20	517	639	692	676	616	606	847	902	872	861	1,016	811	9,055
21	225	218	224	198	177	173	217	288	366	378	426	445	3,335
22	890	849	968	221	487	588	826	914	911	920	1,145	935	9,634
23	71	26	32	31	36	39	93	155	141	121	269	522	1,536
24	19	22	26	49	24	21	17	7	.....	.....	.....	......	185
25	......	75	222	290	398	470	464	545	581	626	848	964	5,483
26	......	......	......	3	20	47	60	77	100	131	138	140	716
27	....	......	....	......	.....	......	......	89	193	212	250	322	1,066
28	.....	......	.....	......	....	.....	.....	225	209	200	177	231	1,042
29	......	......	.....	.....	......	.....	......	33	175	275	418	439	1,340
30	......	......	.....	......	......	......	......	......	......	129	423	528	1,080
Total	5,784	4,737	5,134	4,551	4,526	5,850	8,029	10,657	10,978	11,744	14,258	13,668	99,916
Sunday schools and social settlements													11,553
Total													111,469

No record can be kept of visitors to the Newspaper Reading Room on the second floor. The elevator registers show that 612,760 persons visited the sixth and seventh floors during the year, an average of nearly 51,064 a month.

The Library was open every day in the year. The figures for Sunday and holiday issue, maximum, minimum and daily averages, will be found in the following summaries; also the issue on each of the five national holidays. Local and occasional holidays are not included, as they differ but little from ordinary days. The total holiday issue increased from 5,679 in the previous year to 11,281, and the average from 1,136 to 1,410.

SUMMARIES.

	1895–6.	1896–7.
Home issue, regular library	457,559	537,583
Home issue, coll. of duplicates	15,159	13,476
Total home issue	472,718	551,059
		472,718
Gain in home issue		78,341
Library issue	46,082	51,240
		46,082
Gain in Library issue		5,158
Total issue of all books	518,800	602,299
Reading-room issue	170,142	184,729
Total issue in all departments	688,942	787,028
		688,942
Gain in 1896–7		98,086

Largest week day issue, Saturday, March 6, 1897.

Home issue	3,466
Library issue	144
Reading-room issue	963
Total	4,573

Smallest week day issue, May 28, 1896; day after tornado.

Home issue	709
Library issue	77
Reading room issue	103
Total	889

Largest Sunday issue, February 21, 1897.

Library issue	75
Reading-room issue	437
Total	512

Smallest Sunday issue, June 10, 1896.

Library issue	26
Reading-room issue	103
Total	129

Total Sunday issue.

Library issue	2,963
Reading-room issue	13,025
Total	15,988

Average Sunday issue.

Library issue	58
Reading-room issue	548
Total	313

Average daily issue.

Home issue	1,772
Library issue	140
Reading-room issue	507
Total	2,419

Average week day issue.

Home issue	1,772
Library issue	154
Reading-room issue	548
Total	2,474

HOLIDAY ISSUE.

	Home.	Library.	R.-Room.	Total.
Decoration Day	1,214	142	385	1,740
July Fourth	129	26	168	323
Labor Day	1,375	107	460	1,942
Election Day	1,046	191	565	1,802
Thanksgiving	542	78	301	921
Christmas	33	40	171	244
New Year	291	112	356	759
Washington's Birthday	2,521	191	838	3,550
Total	7,151	887	3,243	11,281
Average	894	111	405	1,410

MISCELLANEOUS WORK OF ISSUE AND REGISTRATION DEPARTMENTS.

In my last two annual reports I have tried to explain the methods and processes by which the administration of the Library in its various departments is carried on and to make clear to the uninitiated that handing two or three thousand books over the counter and receiving the same number each day is not all there is in the work of a large library. Small things are sometimes more significant than great ones. The large labors of the issue and registration departments may be judged from a few minor items that would ordinarily escape attention. The records show that during the year the addresses of 3,571 persons had to be changed; 13,270 new issue cards were made out to replace cards that had been filled; 10,660 notices were sent for books overdue; 18,148 new book cards were written to replace those filled; 1,728 notices were sent to persons who left their cards on the counter or dropped them on the floor. After sending two notices by mail it was necessary to send a messenger for 589 books. Of these the messenger brought back 112; 373 were shortly returned by the cardholders; 104 had not been returned when the record for the year was closed; the return of 51 of these was promised; 53 were entered as in all probability lost. Of these last, 2 were issued for use in the reading-room. A majority of them were drawn by children on the guaranty of their fathers, who cannot be found. In the other cases both principal and guarantor cannot be traced and have presumably left the city.

Notices to the number of 85 were sent to houses having contagious diseases directing the family to turn over library books to the Health Commissioner for fumigation or destruction. In such cases no fine is charged for detention or loss of books.

The tornado that swept across the city May 27, 1896, caused a loss of 19 books and the practical destruction of 147 others.

After sending three notices (one by messenger) to persons failing to return books overdue and after further notifying the guarantor, at the end of thirty days the case is turned over to the City Attorney. During the year 7 such cases were reported. Of these 5 were settled without trial by return of the book or payment of its value together with fines and costs; in one case judgment was given for the Library, and in the remaining instance the case was continued and was not settled at the close of the library year.

The home issue was upwards of 551,000 volumes. Of these 51 volumes were not returned and are counted as lost. This makes the percentage of loss on the books given out for reading at home less than $^1/_{100}$ of one per cent.

PROGRESS AND IMPROVEMENT.

The general growth and progress of the institution is best shown by a gain of 78,341 in the home issue, and of 98,086 in the total issue for the year. A large contributing factor in this increased use of the Library was the extension of the delivery station system.

The only new enterprise undertaken was the publication of the St. Louis Public Library Magazine. This is a continuation, but on a much larger scale and with a higher standard, of the Bulletin. Its purpose is the same, viz., to serve as a medium of communication between the Library and the public, to furnish readers with lists of the books added to the collection from month to month, and to publish the class lists of the books in the Library and lists of books on topics of current interest. The first number appeared in the last month of the year for which this report is made. It is, therefore, too soon to estimate what measure of appreciation it will meet with. Impartial judges pronounced it the handsomest organ ever issued by a public library.

There have been few changes in the staff. It now includes only two assistant cataloguers instead of three as before, the appointment of Miss Mabel Marvin and the promotion of Miss Fichtenkam having filled two out of the three vacancies created by the resignations of Misses Chase and Gibson (as noted in the last report) and that of Miss McCreary which took effect December 1st, 1896. Geo. Krag, a messenger left in September to return to school; his place was filled by Edward Kempfer. One of the apprentices, Miss Dawson, also left to return to school. To supply the deficiencies thus created and to provide for the constant growth of the work, Lester Bernd and Misses Clara Dean, Jessie Gilmore and Lenore Kledus were appointed apprentices and Arthur Widdicombe, Edward Phillipi and James Hackett, messengers. In each case the appointment was made on results of a written examination designed to test the applicant's intelligence, education and general information. The staff numbers three more persons than it did at the close of the previous year, the increase being in the grades of apprentices and messengers. The rapid growth of the delivery station work made the service of another person necessary; and Russell Steel received the well-deserved promotion to the position of assistant in that department.

I can only repeat, and I take pleasure in doing so, my hearty commendation of the work of the staff, which has been characterized by intelligence, zeal and a belief in the high mission of the Library.

SHALL ST. LOUIS CONTINUE IN THE REAR?

The magnificent new building of the Boston Public Library completed two years ago called forth universal admiration. For months it furnished the daily press and the illustrated periodicals throughout the Union with a theme for glorification; and it has now passed into common knowledge and taken its place among the monuments of civilization that reflect honor on the whole country and especially on the city that had the liberality and the wisdom to erect it.

The Chicago Public Library will soon take possession of a building which its citizens claim to be even superior to the Boston edifice. Both of these buildings occupy suitable and commanding sites. They are built for the future as well as the present. They symbolize now and will represent to later generations the highest ideal *realized* by mankind in the nineteenth century. They make proclamation that spiritual treasures,— the joys of knowledge, the delights of the imagination, the uplifting of the soul through contact with noble thoughts — are freely accessible to all the inhabitants of those cities, to the poor as well as to the rich. Within their walls are gathered the records and results of all human effort through all the ages; from out their doors come the mightiest influences known to men, the power of heroic example made vivid and luminous by the pen of genius,— the power of thought, " the true thaumaturgic virtue by which man works all things whatsoever."

The metropolis of the country has just waked up to its duty in this matter and has appropriated two and a half million dollars for the erection of a public library building in a block of ground 482 feet long by 455 feet wide. But it is not only the great cities of the Union but also cities much inferior in wealth and population that are thus outstripping St. Louis. Milwaukee has just completed a beautiful structure costing about half a million dollars: Minneapolis has had a fine building for some eight years past: Indianapolis dedicated its new library four years ago: Newark is about to put up a new building for its public library: Detroit has a large library well located: Cleveland has several pretty branch library buildings and is about to provide a suitable home for its central library; our little neighbors Peoria and East St. Louis have fine new buildings; while hundreds of small towns might be mentioned that have tasteful and substantial buildings entirely adequate to the wants of their respective communities.

Our library cannot do the work it ought to do for the city until it has larger and more convenient quarters, and it cannot be considered safe from fire until it is housed in a building devoted exclusively to library purposes and isolated from all other buildings. Will St. Louis, in this important feature of civic life, be content to remain in the rear? Will our citizens allow this institution, which can be made the most potent factor of popular education and therefore of municipal progress, to be cramped for want of room and crippled for want of facilities to do its work? The answer I trust will be a decided affirmative vote at the next submission of the question of erecting a library building.

Respectfully submitted,

FREDERICK M. CRUNDEN,
Librarian.

STATE OF MISSOURI,
CITY OF ST. LOUIS. } SS.

Before me, the undersigned, a notary public within and for the city of St. Louis, Mo., appeared Edw. L. Preetorius, personally known to me, who, being duly sworn by me, stated that the statement of receipts and expenditures of the St. Louis Public (Free) Library contained in the foregoing report of the Librarian for the year ending April 30, 1897, on account of City appropriation and other sources, is true and correct.

EDW. L. PREETORIUS,
Chairman Auditing Committee,
Board of Directors St. Louis Public (Free) Library.

Sworn and subscribed to before me this 2nd day of October, 1897.

(Seal.)

ALFRED C. F. MEYER,
Notary Public

My term expires January 15, 1899.

STATE OF MISSOURI,
CITY OF ST. LOUIS. } SS.

Before the undersigned, a notary public within and for the city of St. Louis, Mo., appeared F. M. Crunden, Librarian of the St. Louis Public (Free) Library, who is personally known to me, who, upon being by me duly sworn, stated that the foregoing report of the Board of Directors of the St. Louis Public (Free) Library is true and correct to the best of his knowledge and belief.

FRED'K M. CRUNDEN,
Librarian.

Sworn and subscribed to before me this 15th day October, 1897.

(Seal.)

JOHN E. LOVE,
Notary Public, City of St. Louis.

My term expires June 19th, 1899.

APPENDIX NO. 1.

LIST OF THE MOST POPULAR BOOKS.

BOOKS OF LARGEST CIRCULATION.

St. Nicholas	3264
Little women	2346
Tom Sawyer	2092
Count of Monte Cristo	2034
Little men	1785
Jo's boys	1767
Under the lilacs	1727
Eight cousins	1622
Jack and Jill	1600
Les miserables	1507

NOVELS OF LARGEST CIRCULATION.

Count of Monte Cristo	2034
Les miserables	1507
Mr. Isaacs	1424
He fell in love with his wife	1337
Wandering Jew	1300
Three musketeers	1277
Uncle Tom's cabin	1270
Madeline (Holmes)	1261
Marguerite (Holmes)	1261
Roman singer	1219
David Copperfield	1200
Lorna Doone	1161
Beulah	1158
Mildred (Holmes)	1123
Bow of orange ribbon	1029
Inez	1016
Vashti	1008
Darkness and daylight	1000
Colonel's daughter	997
Barriers burned away	990
St. Elmo	988
Macaria	985
At the mercy of Tiberius	979
Gretchen	975
Prince of India	959
Woman in white	954
Cousin Maude	937
Saracinesca	905
Cameron pride	904

NOVELS ISSUED 900 TIMES AND OVER.

Barr	Bow of orange ribbon	1029
Blackmore	Lorna Doone	1161
Collins	Woman in white	954
Crawford	Mr. Isaacs	1424
	Roman singer	1219
	Saracinesca	905
Dickens	David Copperfield	1200
Dumas	Count of Monte Cristo	2034
	Three musketeers	1277
Holmes	Cameron pride	904
	Cousin Maude	937
	Darkness and daylight	1000
	Gretchen	975
	Madeline	1261
	Marguerite	1261
Holmes	Mildred	1123
Hugo	Les miserables	1507
King	Colonel's daughter	997
Roe	Barriers burned away	990
	He fell in love with his wife	1337
Stowe	Uncle Tom's cabin	1270
Sue	Wandering Jew	1300
Wallace	Prince of India	959
Wilson	At the mercy of Tiberius	979
	Beulah	1158
	Inez	1016
	Macaria	985
	St. Elmo	988
	Vashti	1008

BETWEEN 600 AND 800 TIMES.

Bulwer	Last daysof Pompeii	694
Burnham	Next door	639
	No gentleman	619
Collins	Moonstone	723
Crawford	Don Orsino	600
	Katherine Lauderdale	643
Doyle	White company	686
Dumas	Vicomte de Bragalonne	748
DuMaurier	Trilby	823
Eliot	Daniel Deronda	697
Holmes	Bessie's fortune	830
	Daisy Thornton	840
	English orphans	655
	Forrest House	612
	Homestead on the hillside	729
	Marion Gray	716
	Meadow Brook	776
Holmes	Queenie Hetherton	617
	Rose Mather	754
	Tempest and sunshine	604
	West Lawn	807
Marlitt	Old Mam'selle's secret	655
	Owl's nest	735
	Second wife	678
Porter	Scottish chiefs	677
Roe	Opening of a chestnut burr	788
	What can she do?	648
Thackeray	Henry Esmond	725
	Virginians	629
	Vanity fair	677
Wallace	Ben Hur	734
	Fair God	626
Weyman	Gentleman of France	652
Wilson	Infelice	899

BETWEEN 500 AND 600 TIMES.

Black	Princess of Thule	536
Bronte	Jane Eyre	519
Bulwer	My novel	517
Collins	No name	521
Crawford	Sant Ilario	581
Dickens	Old Curiosity Shop	599
Doyle	Refugees	549
Duchess	Doris	504
Eliot	Adam Bede	540
Hawthorne	Scarlet letter	527
Holmes	Chateau d'Or	551
	Dora Deane	569
	Edith Lyle	536
Holmes	Hugh Worthington	516
	Milbank	592
Jackson	Ramona	504
King	Deserter	572
	Marion's faith	572
Lever	Charles O'Malley	531
Lyall	Knight errant	503
	We two	541
Marlitt	Little Moorland princess	543
Mulock	John Halifax, gentleman	580
Roe	From jest to earnest	575
	Young girl's wooing	539
Yonge	Dove in the eagle's nest	586

LIST OF NOVELS ISSUED BETWEEN 300 AND 400 TIMES.

Barrie	Little minister	391
Bronte	Shirley	397
Brush	Colonel's opera cloak	327
Burnham	Mistress of Beech Knoll	326
	Sane lunatic	314
	Young maids and old	382
Caine	Bondman	306
Carey	Averil	346
	Barbara Heathcote's trial	304
	Queenie's whim	394
	Uncle Max	312
Cooper	Deerslayer	349
Corelli	Ardath	361
	Barabbas	366
	Romance of two worlds	380
	Thelma	344
Crawford	Casa Braccio	386
Davis	Gallagher	358
Dickens	Bleak House	343
	Dombey and son	392
Doyle	Memoirs of Sherlock Holmes	357
	Doings of Raffleshaw	302
Duchess	Beauty's daughters	347
	Faith and unfaith	318
	Phyllis	393
	Roosmoyne	310
Dumas	Queen's necklace.	329
	Twenty years after	359
	Two Dianas	335
Eliot	Romola	322
Fothergill	First violin	346
Grand	Heavenly twins	380
Haggard	King Solomon's mines	338
Harris	Rutledge	338
Holmes	Lena Rivers	376
Hughes	Tom Brown at Oxford	312
Hugo	Notre Dame	335
King	Kitty's conquest	333
	Waring's peril	301
	War-time wooing	345
Lyall	In the golden days	357
Manteuffel	Violetta	332
Marlitt	At the Councillor's	379
	Lady with the rubies	398
Marryat	Mr. Midshipman Easy	351
Reade	Put yourself in his place.	348
Roche	Children of the abbey	377
Roe	Day of fate	350
	Near to Nature's heart	358
Scott	Guy Mannering	369
Stevenson	Dr. Jekyl and Mr. Hyde	393
	New Arabian nights	334
Streckfuss	Castle Hohenwald	350
Thackeray	Newcomes	394
Ward	Marcella	344
	Robert Elsemere	347
Weyman	Francis Cludde	338
	Under the red robe	312

LIST OF NOVELS ISSUED BETWEEN 200 AND 300 TIMES.

Barr	Between two loves	289
	Border shepherdess	262
	Friend Olivia	263
Bellamy	Looking backward.	215
Besant	All sorts and conditions of men	270
	Armorel of Lyonesse	231
Black	Daughter of Heth	221
	Madcap Violet	254
Braddon	Aurora Floyd	213
	Lady Audley's secret	247
Bronte	Professor	217
	Villette	211
Bulwer	Alice	231
	Night and morning	212
Burnett	That lass o' Lowries	248
	Through one administration	205
Burnham	Dearly bought	274
	Wise women	123
Caine	Manxman	289
Carey	Aunt Diana	240
	Heriot's choice	279
	Nellie's memories	291
	Robert Ord's atonement	201
	Wee wifie	211
	Wooed and married	253
Clemens	American claimant	221
	Pudd'n head Wilson	288
Collins	Armadale	233
	Dead secret	264
Cooper	Last of the Mohicans	231
	Pilot	260
Crawford	Adam Johnstone's son	261
	Cigarette - maker's romance	261
	Greifenstein	219
	Marzios Crucifix	271
	Three fates	243
	To leeward	244
Curtis	Prue and I	224
Dickens	Little Dorrit	222
	Nicholas Nickleby	284
Douglass	Claudia	260
	From hand to mouth	219
	Out of the wreck	279
	Sydney Adrance	262
Doyle	Great shadow	277
	Parasite	210
Duchess	Lady Walworth's diamonds	276
	Mrs. Geoffrey	224
	Molly Baun	272
	Portia	282
Dumas	Forty-five guardsmen	282
	Man in the iron mask	286
	Memoirs of physician	217
	Regent's daughter	265
Eggleston	Hoosier school-master	283
	Roxy	223
Eliot	Felix Holt	201
	Middlemarch	289
	Mill on the Floss	288
Fargus	Called back	210
Goldsmith	Vicar of Wakefield	227
Garnt	Face to face	238
Habberton	Helen's babies	272
Haggard	Dawn	241
	She	238
Harraden	Ships that pass in the night	245
Harrison	Bachelor maid	249
Hawthorne	House of seven gables	229
	Marble faun	289
	Twice told tales	209
Heimburg	Armes maedchen	219
	Gertrude's marriage.	297
Hillern	Only a girl	219
Hope	Prisoner of Zenda	277
Howells	Chance acquaintance	204
	Their wedding journey	238
Hughes	Tom Brown at Rugby	295
Hugo	Nynety three	216
	Toilers of the sea.	281
King	Between the lines	213
	Colonel's Xmas dinner	204
	Foes in ambush	292
	Laramie	255
	Starlight Ranch	252
	Two soldiers	241
Kirk	Story of Margaret Kent	235
Lyall	Doreen	226
	Hardy Norseman	228
Marlitt	Bailiff's maid	225
Muehlbach	Frederick the great and his court	297
Oswald	Vain forebodings	218
Porter	Thaddeus of Warsaw	293
Reade	Cloister and the hearth	290
	Never too late to mend	250
	Woman hater	251
Reid	Miss Churchill	212

Sand	Consuelo	282
Scott	Kenilworth	288
	Rob Roy	257
	Talisman	257
Southworth	Artist's love	216
	Beautiful fiend	276
	Deserted wife	202
	Hidden hand	219
	Maiden widow	239
	Noble lord	272
Stael	Corinne	260
Stevenson	Black arrow	228
Tautphoeus	Initials	200
Tolstoi	Anna Karenina	200
Ward	David Grieve	228
Warner	Golden house	260
	Queechy	259
	Wide, wide world	259
Werner	Alpine fay	256
Wiggin	Cathedral courtship	215
Wilkins	Pembroke	221
Yonge	Chaplet of pearls	273

LIST OF NOVELS ISSUED OVER 100 TIMES.

Barr	Beads of Tasmer	160
	Berenicia	152
	Feet of clay	126
	Last of the McAllisters	128
	Lone house	122
	Master of his fate	124
	Remember the Alamo	195
	Rose of 100 leaves	139
	Squire of Sandal-side	196
Barrie	Better dead	150
	Window in thrums	188
Besant	For faith and freedom	133
	Golden butterfly	122
	World went very well then	101
Black	In silk attire	186
	Judith Shakespeare	157
	Macleod of Dare	157
	Sunrise	133
	Yolande	167
Blackmore	Perlycross	170
Bronte	Wuthering Heights	154
Bulwer	Coming race	191
	Ernest Maltravers	195
	Eugene Aram	161
	Harold	198
	Leila	131
	Caxtons	192
Burnett	Louisiana	133
Caine	Scapegoat	118
Cambridge	Marriage ceremony	180
	Three Miss Kings	124
Carey	For Lillias	184
	Little Miss Muffet	182
Cervantes	Don Quixote	166
Collins	After dark	119
	Antonia	186
	Basil	160
	New Magdalen	174
	Poor Miss Finch	188
	Queen of hearts	193
Cooke	Surrey of the Eagle's nest	189
Cooper	Afloat and ashore	129
	Pioneers	130
	Prairie	102
	Red Rover	162
Corelli	Soul of Lilith	178
	Sorrows of Satan	138
	Wormwood	196
Craddock	In the Tenn. Mts	154
Crawford	American politician	127
	Khaled	123
	Tale of a lonely parish	196
	Witch of Prague	108
	Zoroaster	133
Crockett	Men of the Moss-hags	160
Cummins	Lamplighter	184
Davis	Exiles	170
	Van Bibber	127
Deland	John Ward	126
Douglass	Floyd Grandon's honor	130
	Foes of her household	190
	Heirs of the Bradley House	150
	Home nook	160
	In trust	125
	Lost in a great city	121
	Osborne of Arrochar	124
	Sherburne cousins	152
	Stephen Dane	119
	Woman's inheritance	153
Doyle	Round the red lamp	164
	Sign of the four	154
	Study in scarlet	130
Duchess	Duchess	140
	In durance vile	193
	Dick's sweetheart	192
Dumas	Chicot, the jester	110
	Conspirators	185
	Countess de Charny	181
	Last Vendee	182
	Marguerite de Valois	153
	Taking the Bastile	126
Ebers	Bride of the Nile	162
	Cleopatra	111
	Homo sum	199
Eliot	Silas Marner	123
Fargus	Dark days	155
	Family affair	121
Fielding	Amelia	125
	Tom Jones	129
Finley	Signing the contract	103
Ford	Hon. Peter Sterling	122
Fothergill	Kith and kin	176
Freytag	Verlirene handschrift	120
Gaskell	Cousin Phillis	100
Gray	In the heart of the storm	184
	Silence of Jean Maitland	127
Gunter	Mr. Potter of Texas	128
	Mr. Barnes of New York	158
Haggard	Allen Quartermain	189
	Heart of the world	180
	Jess	155
	Joan Haste	196
	Miawa's revenge	124
	Mr. Meeson's will	123
	Montezuma's daughter	120
	Nada, the lily	117
Harder	Family fued	125
Hardy	But yet a woman	159
Harland	Judith	162
	My little love	124
	Nemesis	154
	True as steel	159
Harris	Phoebe	156
Harrison	Helen of Troy	126
	Sweet bells out of tune	109
Harte	Clarence	156
	Luck of Roaring Camp	125
	Susy	141
Hawthorne	Dr. Grimshawe's secret	132
	Mosses from an old manse	165
Hay	Squire's legacy	159
Heimburg	Her only brother	122
	Lora	177
	Misjudged	131
	Pastor's daughter	156
	Penniless girl	106
Hillern	Artz der Seele	106
	Aus einziger Kraft	116
Holland	Miss Gilbert's career	130
	Seven oaks	140
Holmes	Xmas stories	158
	Guardian angel	177
	Mortal antipathy	168
Hope	Chronicles of Count Antonio	119

	Dolly dialogues	115
	Father Stafford	113
	Man of mark	196
Howard	Aunt Serena	156
	Guenn	124
Howells	Annie Kilburn	121
	April hopes	134
	Imperative duty	107
	Indian summer	174
	Lady of the Aroostook	155
	Minister's charge	158
	Woman's reason	118
James	Bostonians	107
Jewett	Deerhaven doctor	126
Johnson	Raselas	102
King	Campaigning with Crook	134
	Initial experience	140
	Sunset Pass	158
Kingsley	Westward ho	189
Kipling	Light that failed	166
	Soldiers three	135
Leighton	Thirsty sword	102
Lever	Harry Lorrequer	129
	Jack Hinton	128
	Tom Burke	101
Lover	Rory O'Moore	159
Maartens	Greater glory	105
	Joost Avelign	164
Maclaren	Beside the bonnie Brier bush	104
Malet	Wages of sin	110
Marlitt	Eulenhaus	151
	In the Schilingscourt	158
	Zweite frau	161
Marryat	Jacob Faithful	157
	Japeth in search of a father	158
	Peter Simple	153
	Phantom ship	143
	Pirate and three cutters	131
Maupassant	Odd number	138
Meredith	Amazing marriage	144
Mulock	Brave lady	130
Ohnet	Ironmaster	128
Oliphant	Agnes	135
Ouida	Bebee	131
	Friendship	161
	Under two flags	161
	Wanda	121
Page	In ole Virginia	156
Phelps	Singular life	186
Pool	Against human nature	121
	Two Salomes	129
Reade	Foul play	151
	Hard cash	127
	Love me little, love me long	167
	Perilous secret	168
Reid	Daughter of Bohemia	169
	Heart of steel	156
	Mabel Lee	156
Roe, A. S	Star and cloud	160
Russell	Jack's courtship	160
	Wreck of the Grosvenor	129
Schobert	Picked up in the streets	129
Schreiner	Story of an African farm	127
Scott	Anne of Geierstein	160
	Black Dwarf	133
	Fair maid of Perth	163
	Monastery	132
	Old Mortality	136
	Waverly	161
Smith, H	Tom Grogan	156
Southworth	Changed brides	146
	Discarded daughter	156
	Fair play	156
	Gypsie's prophecy	162
	Mother-in-law	152
	Prince of darkness	187
	Retribution	160
	Self-raised	160
	Two sisters	186
	Victor's triumph	189
	Wife's victory	196
Stephens	Reigning belle	159
Stevenson	Kidnapped	124
Stockton	Rudder Grange	184
Stowe	Agnes of Sorento	190
	Minister's wooing	193
	My wife and I	127
	We and our neighbors	192
Streckfuss	Quicksands	173
	Too rich	192
Tautphoeus	At odds	166
Trollope	Can you forgive her?	164
Trowbridge	Coupon bonds	128
Walford	Troublesome daughters	171
Warner	Little journey in the world	166
	Nobody	100
Warren	Ten thousand a year	194
Werner	Banned and blessed	190
Weyman	House of the Wolf	188
	Man in black	179
	My lady Rotha	160
Whitney	Other girls	125
Wichert	Green gate	160

JUVENILES.

BETWEEN 600 AND 700 TIMES.

Alden	Jimmy Brown	607
Henty	Final reckoning	670
Irving	Six girls	656

BETWEEN 600 AND 700 TIMES.

Alcott	Garland for girls	736
Brown	Two college girls	739
Burnett	Little Lord Fauntleroy	727
Henty	With Clive in India	718
Sidney	Five little peppers	795
Trowbridge	Young surveyor	742

BETWEEN 800 AND 900 TIMES.

Coffin	Boys of '61	882
Henty	Capt. Bayley's heir	838
Trowbridge	Peter Budstone	838

900 TIMES AND OVER.

Alcott	Aunt Jo's scrap-bag	1208
	Eight cousins	1622
	Jack and Jill	1600
	Jo's boys	1767
	Little men	1785
	Little women	2346
	Old fashioned girl	1252
	Rose in bloom	944
	Under the lilacs	1727
Aldrich	Story of a bad boy	937
Anderson	Fairy tales	1380
Clemens	Tom Sawyer	2092
DeFoe	Robinson Crusoe	982
Grimm	Fairy tales	1157
Henty	Redskin and cowboy	974
Knox	Boy travellers in Mexico	931
St. Nicholas		3264
Scudder	Book of folk stories	1148
Trowbridge	Three scouts	916

BETWEEN 400 AND 500 TIMES.

Champlain	Young folk's encyclopaedia	460
Chatterbox		407
Coolidge	What Katy did	439
Douglas	Seven daughters	423
Henty	Bravest of the brave	478
	By sheer pluck	420
	Dragon and the Raven	460
	Facing death	495
	Out on the pampass	471
	Lion of St. Mark	465
	Maori and settler	459
	Under Drake's flag	459
Henty	When London burned	486
	Young buglers	406
Lillie	Nan	437
May	Doctor's daughter	423
Stoddard	Little Smoke	457
Trowbridge	Adv. of David Vane and David Crane	407
	Cudjo's cave	459
	His one fault	484
Verne	Mysterious island	498
	Twenty thousand leagues under the sea	466
Wyss	Swiss family Robinson	471

BETWEEN 500 AND 600 TIMES.

Arabian nights		564
Carroll	Alice in wonderland	505
Clark	Boy life in the U. S. navy	572
Clemens	Prince and pauper	577
Fenn	Dick 'o the fenns	515
Finley	Xmas with grandma Elsie	518
	Elsie's girlhood	520
Harper's young people		504
Henty	For name and fame	540
	In freedom's cause	532
Henty	In the reign of terror	504
	In times of peril	523
	True to the old flag	592
	Young Carthaginian	575
Laboulaye	Fairy tales	521
Lang	Yellow fairy book	559
Trowbridge	Fast friends	537
	Jack Hazard	591
Verne	Dick Sands	586

BETWEEN 300 AND 400 TIMES.

Alcott	Lulu's library	388
Andrews	Seven little sisters	371
Ballantyne	Dog Crusoe	343
Burnett	Little St. Elizabeth	360
Clark	Joe Bently	361
Coffin	Building the nation	325
	Drum-beat of the nation	329
	Following the flag	297
Coolidge	In the high valley	336
	Little country girl	359
	New Year's bargain	319
	Nine little goslings	391
Drake	Indian history for young folks	384
Eggleston	Captain Sam	330
	1st book in American history	395
	Hoosier school-boy	384
	Wreck of the Red Bird	316
Finley	Elsie at Nantucket	383
	Elsie Dinsmore	399
	Holidays at Roselands	366
Henty	Condemned as a nihilist	369
	Cornet of Horse	329
	Lion of the North	392
	One of the 28th	382
	Through the fray	363
	Young colonists	391
King	Cadet days	324
Knox	Boy travelers in South America	343
Marsh	Robin Hood	395
Meade	World of girls	325
Munroe	Flamingo feather	319
Reid	Boy slaves	327
	Forest exiles	323
	Giraffe hunters	325
Scudder	Book of fables	389
Shaw	Castle Blair	321
Stoddard	Quartet	302
	Talking leaves	388
	Two arrows	388
Trowbridge	Chance for himself	319
	Doing his best	385
	His own master	309
	Phil and his friends	313
	Pocket rifle	313
Verne	Around the world in 80 days	366
	From earth to moon	384
Wide awake		317

LIST OF JUVENILES ISSUED BETWEEN 200 AND 300 TIMES.

Alcott	Proverb stories	259
	Silver pitchers	226
Alden	Cruise of the Canoe club	267
	Cruise of the Ghost	238
Baker	Cast up by the sea	284
Ballantyne	Gorilla hunters	207
Beard	American boy's handy book	219
Burnett	Sara Crewe	296
Carey	Esther	293
Champney	Six boys	232
Coffin	Marching to victory	297
	My days and nights on the battle-field	202
	Winning his way	287
Coolidge	Cross patch	269
	Eyebright	246
	Guernsey lily	218
	Just sixteen	231
	What Katy did next	216
	What Katy did at school	299
Eggleston	Signal boys	273
Finley	Elsie's children	234
	Elsie's kith and kin	297
Harris	Mr. Thimble finger	297
Hawthorne	Wonder book	216
Henty	Beric, the Briton	245
	Bonnie Prince Charlie	221
	Fall of Sebastopol	224
Henty	In the heart of the Rockies	298
	St. George for England	293
	With Wolfe in Canada	296
	Wulf, the Saxon	253
	Young franc-teurers	203
Hugessen	Fairy tales	298
Knox	Boys travellers in Russia	297
Lang	Blue fairy book	269
Lillie	Colonel's money	231
	Squire's daughter	232
Munroe	Dorymates	259
Otis	Tim and Tip	295
Perry	Flock of girls	203
Reid	Desert home	294
	Ocean waifs	294
Sidney	Five little peppers grown up	296
Stoddard	Chris, the model-maker	297
	On the frontier	298
Trowbridge	Little master	231
	Start in life	213
	Tinkham Bros. tide mill	226
	Young Joe	285
Verne	Five weeks in a balloon	225
	Giant raft	266
Wells	City boys in the woods	213
Wiggin	Bird's Xmas carol	204

MISCELLANEOUS.

Blackstone	Commentaries	144
Brooks	Story of an American sailor	231
Bulfinch	Age of fable	124
Carlyle	French Revolution	173
Century		173
Clemens	Innocents abroad	514
	Life on the Mississippi	292
	Tramp abroad	421
Custer	Boots and saddles	133
Dante	Divine comedy	133
Darwin	Descent of man	132
	Origin of species	100
Duncan	Social departure	133
Emerson	Essays	177
Harper Magazine		177
Holmes	Autocrat at the breakfast-table	329
Irving	Knickerbocker's history of New York	115
	Sketch book	358
Jerome	Three men in a boat	123
Longfellow	Poems	229
Lytton	Lucile	121
Prescott	Conquest of Mexico	157
Scott	Poems	127
Scribner magazine		137
Shakespeare	Plays	259
Stanley	In darkest Africa	157
Whittier	Poems	196

LIST OF BOOKS ISSUED BETWEEN 400 AND 500 TIMES.

Bulwer	Rienzi	404
	What will he do with it?	455
	Zanoni	402
Burnham	Miss Bagg's secretary	441
Caine	Deemster	462
Carey	Not like other girls	423
	Only the governess	498
Clemens	Conn. Yankee in King Arthur's court	451
Collins	Man and wife	423
Cooper	Pathfinder	426
	Spy	402
Corelli	Vendetta	444
Crawford	Dr. Claudius	478
	Ralstons	421
Dickens	Tale of two cities	479
Doyle	Adventures of Sherlock Holmes	451
	Micah Clarke	478
Duchess	Airy, fairy Lillian	466
Ebers	Egyptian princess	405
	Uarda	475
Hardy	Tess	490
Holmes	Dr. Hathern's daughters	401
Holmes, O. W.	Elsie Venner	496
Howard	One summer	463
Juncker	Margarettha	443
King	Captain Blake	486
Kingsley	Hypatia	430
Lover	Handy Andy	495
Lyall	Donovan	400
	Won by waiting	406
Marlit	Countess Gisela	492
Porter	Scottish chiefs	441
Roe	Earth trembled	420
	Face illuminated	405
	Knight of the XIX century	455
	Miss Lou	492
	Original belle	468
	Without a home	458
Sue	Mysteries of Paris	405
Thackeray	Pendennis	429
Werner	St. Michael	432
Woolson	East angels	402
Yonge	Heir of Redclyffe	462

APPENDIX NO. II.

DONATIONS, MAY 1, 1896–APRIL 30, 1897.

1,163 volumes and 3,069 pamphlets were received as exchanges and donations from 671 sources, as follows:—

	Vols.	Pphs.
Adams, B. S. St. Louis	2	....
Alabama. Adjutant General	....	1
Alabama. Board of Managers of Convicts	....	8
Alabama. Geological Survey	....	5
Alabama. State Auditor	....	
Allen, J. W. St. Louis	....	2
Allen, L. W. Newark, *N. J.*	1	....
Allen, *Mrs.* M. A. Madison, *Wis.*	1	....
American Assoc. for Advancement of Science	....	2
American Conference of International Arbitration	1	....
American Federation of Labor	....	11
American Forestry Association	....	1
American Institute of Homœopathy	1	....
American Society for Extension of University Teaching	1	19
American Society of Mechanical Engineers	...	3
American Type Founders Co	1	....
Amherst College. Amherst, *Mass.*	....	1
Andover Theological Seminary. Andover, *Mass.*	....	1
Anonymous	32	8
Arkansas. Bureau of Mines	1	....
Arkansas. Supt. of Public Instruction	....	1
Armour Institute of Technology. Chicago, *Ill.*	....	2
Armstrong, *Dr.* N. Y. City	1	....
Atlanta, *Ga.* Board of Education	....	1
Australasian Library Conference. Melbourne	....	1
Baier, J. St. Louis	....	8
Balch, T. W. Phil.	1	....
Baltimore, *Md.* Mayor	1	...
Baltimore Sun	1	..
Bangor, *Me.* Public Library	....	1
Bartholdt, *Hon.* R. St. Louis	1	....
Bates, *Rev.* W. H. Webster Groves, *Mo.*	1	..
Baulch, J. J. St. Louis	....	1
Belleville, *Ill.* Public Library	..	1
Benesch, A. B. St. Louis	4	...
Benjamin, A. M. St. Louis	....	4
Berlin, *Ger.* Bureau of Statistics	...	1
Bettis, J. R. St. Louis	1	..
Beverly, *Mass.* Public Library	....	1
Bigelow Free Public Library Clinton, *Mass*	...	1
Birmingham, Eng. Free Libraries Com	..	2
Birmingham, Eng. School Board	1	....
Blair, J. L. St. Louis	....	1
Boston, *Mass.* Board of Comm'rs of Parks	....	6
Boston, *Mass.* Board of Supervisors	....	7
Boston, *Mass.* Bunker Hill Monument Assoc	2	1
Boston, *Mass.* City Auditor	1	....
Boston, *Mass.* Health Dept.	1	....
Boston, *Mass.* Home for Aged Men	....	1
Boston, *Mass.* Museum of Fine Arts	...	7
Boston, *Mass.* Overseers of the Poor	....	1
Boston, *Mass.* Provident Assoc.	....	1
Boston, *Mass.* Public Library	....	18
Boston, *Mass.* Record Commissioners	1	1
Boston, *Mass.* School Committee	1	16
Boston, *Mass.* Associated Charities	....	21
Boston, *Mass.* Better Dwelling Soc	....	5
Boston, *Mass.* Chamber of Commerce	1	...
Boston, *Mass.* Improved Dwelling Assoc	....	8
Bostonian Society	. .	15
Bowdoin College. Brunswick, *Me*	. .	4
Brecht, G. V. St. Louis	....	1
Breslau, *Ger.* Handelshammer	....	1
Bridgeport, *Conn.* Public Library	...	1
Brighton, *Eng.* Public Library	....	1
British Columbia. Board of Trade	....	7
Broadhead, J. C. St. Louis	.. .	2
Brockton, *Mass.* Public Library	....	1
Brookins, *Mrs.* L. A. St. Louis	1	....
Brookline, *Mass.* Public Library	....	8
Brookline, *Mass.* Brookline Educational Soc	....	1
Brooklyn, *N. Y.* Brooklyn Library	....	1
Brooklyn, *N. Y.* Park Comm'rs.	1	....
Brooklyn, *N. Y.* Supt. of Public Instruction	....	2
Brooklyn, *N. Y.* Eagle	...	1
Brown, I. H	1	....
Brown University. Providence, *R. I.*	....	1
Bryn Mawr College. Bryn Mawr, *Pa*	.. .	26
Buffalo, *N. Y.* Charity Organization Soc	....	2
Buffalo, *N. Y.* Common Council	....	1
Buffalo, *N. Y.* Buffalo Library	....	2
Burton, G. M. Detroit	....	1
Butte City, *Mont.* Public Library	....	1
Byars, W. V. South Orange, *N. J.*	2	....
Cadbury, R. Birmingham, *Eng.*	1	....
Cahill, J. F. St. Louis	....	3
California. Attorney-General	1	....
California. Comm'r of Public Works	....	2
California. Preston School of Industry	....	1
California. State Board of Fish Comm'rs	1	2
California. State Board of Pharmacy	....	1
California. State Board of Prison Directors	...	1
California State Controller	1	....
California State Development Com	....	1
California State Mining Bureau	...	10
California Surveyor-General	3	....
California University	1	12

	Vols.	Pphs.
Cambridge, *Mass.* Public Library	....	1
Canada. Auditor General	1	....
Canada. Dept. of Agriculture	1	....
Canada. Geological Survey	1	6
Canada. Governor General	28	115
Carles, C. Argentine Republic	2	....
Carnegie Free Library. Alleghany, *Pa*	....	6
Carnegie Library. Pittsburg, *Pa.*	....	11
Carpenter, *Mrs.* C. G. St. Louis.	....	6
Carpenter, G. O. St. Louis	....	26
Century Theatre. St. Louis	1	....
Chamberlin, *Mrs.* A. E. Boston.	....	1
Chaplin, W. S. St. Louis	...	1
Chicago, Ill. Academy of Sciences	....	1
Chicago, Ill. Board of Public Works	7	....
Chicago, Ill. Civil Service Com.	2	....
Chicago, Ill. Dept. of Public Instruction	20	....
Chicago, Ill. Fire Marshal	....	1
Chicago, Ill. Historical Society.	....	3
Chicago, Ill. Public Library	....	11
Chicago, Ill. South Park Com'rs.	....	1
Chicago, Ill. Supt. of Police	....	1
Chicago, Ill. University of Chicago	2	....
Chicago, Ill. Board of Trade	3	....
Chicago, Ill. Civic Federation	....	6
Children of Shalam. Dora Anna, *N. M*	....	1
Cincinnati, *O.* Public Library	6	....
Cincinnati, *O.* Associated Charities	....	4
Clapham, *Eng.* Public Library	....	1
Clerkenwell Public Library. London	....	1
Cleveland, *O.* City Auditor,	....	2
Cleveland, *O.* Public Library	....	2
Cleveland, *O.* Chamber of Commerce	4	....
Cobb, *Hon.* S. W. St. Louis	21	3
Cobden Club. London	....	5
College of Charleston. South Carolina	....	1
Colonial Clubs. Chicago	....	1
Colorado. Auditor	....	1
Colorado. Bureau of Labor Statistics	1	....
Colorado. Inspector of Coal Mines	....	1
Colorado. State Engineer.	1	....
Colorado. State Insurance Dept.	7	....
Colorado. State Penitentiary	1	....
Colorado. Treasurer	2	1
Connecticut. Bank Comm'rs	1	....
Connecticut. Board of Agriculture	8	....
Connecticut. Board of Education	....	1
Connecticut. Bureau of Labor Statistics	2	...
Connecticut. Railroad Comm'rs.	3	....
Connecticut. State Board of Charities	....	5
Connecticut. State Board of Health	10	....
Connecticut. State Library	27	1
Connecticut. Historical Soc	....	1
Conner, P. S. P. Phil	1	....
Cooke, J. P. Boston	1	....
Copelin, *Mrs.* E. C. St. Louis	12	...
Cornell University. Ithaca, *N. Y.*	....	1
Cornell University. Agricultural Experiment Station	....	25
Council Bluff, *Ia.* Free Public Library	....	1
Crocker, U. H. Boston	1	....
Crunden, F. M. St. Louis.	2	28
Cutler, *Miss* M. S. Albany, *N. Y.*	....	2
Denver, *Col.* City Library	....	8
Denver, *Col.* Public Library	....	4

	Vols.	Pphs.
De Pauw University	....	1
Des Moines, *Ia.* Public Library.	....	5
Detroit, *Mich.* Agricultural Com	....	1
Detroit, *Mich.* Mayor	....	39
Detroit, *Mich.* Public Library	....	4
Dimmock, Thos. St. Louis	1	....
Dimock & Co. New York	1	22
Dover, N. H. Public Library	....	2
Drexel Institute. Phil	1	2
Drury College. Springfield, *Mo.*	....	1
Dutro, J. M. St. Louis	2	....
Eau Claire, *Wis* Public Library.	....	1
Eggleston, *Dr.* T. N. Y	1	....
Enoch Pratt Free Library	....	1
Fairchild, E. M. Troy, *N. Y.*	....	1
Farrand, M	....	1
Field Columbian Museum. Chicago	....	6
Fitz Public Library. Chelsea, *Mass*	....	2
Fletcher Free Library. Burlington, *Vt*	....	1
Foreign Importers' Inquiry Co. Eng	....	1
Fourteenth St. Theatre. St. Louis	....	10
Friends' Free Library. Germantown, *Pa*	....	1
Friends' Meeting House. Merion, *Pa.*	1	..
Gaze, H. & Sons. N. Y	....	6
George, H. N Y	...	60
George, J. W. St. Louis	1	3
Georgia. State Board of Agriculture	....	2
Georgia. State School Comm'rs	1	1
Girardey, *Rev.* Father. St. Louis	2	....
Glasgow, *Scot.* Baillie's Institution.	....	1
Glasgow University	....	1
Gloversville, *N. Y.* Free Library	....	1
Grand Rapids, *Mich.* Public Library	....	1
Greeley, *Miss* H. A. St. Louis	1	....
Green, S. A. Boston	1	....
Green, J. L. Hartford, *Conn*	1	....
Grindon, *Dr.* J	....	1
Gun, R. London	....	3
Hachenberg, *Dr.* G. P. Austin, *Tex*	1	....
Hagan Opera House. St. Louis.	1	....
Hale, E	....	3
Hall, *Dr.* G. W	6	....
Halsted, *Miss* L. B. St. Louis	34	24
Harper Bros. N. Y	....	2
Harris, *Hon.* W. T. Washington, *D. C*	1	....
Hartford, *Conn.* Public Library.	....	6
Hartford Theological Seminary.	....	1
Harvard University. Cambridge, *Mass*	1	4
Harvey, G. M	1	....
Harvey, W. H. Chicago	...	1
Havlin's Theatre. St. Louis	1	....
Hazard, R. Peace Dale, *R. I*	....	2
Heintz, C. M. Los Angeles, *Cal.*	...	2
Higdon, J. G. St. Louis	1	....
Hitchcock, H. St. Louis	1	....
Hoar, G. F. Worcester, *Mass*	....	1
Hoboken, *N. J.* Free Public Library	....	1
Hoepli, U. Milan, *Italy*	1	1
Hopkins Theatre. St. Louis.	1	....
Howard Memorial Library. New Orleans	....	8
Illinois. Auditor.	1	....
Illinois. Board of Public Charities	....	5
Illinois. Bureau of Labor Statistics	....	1
Illinois. Dept. of Agriculture	1	...
Illinois. Geological Survey	2	9
Illinois. Insurance Supt	....	2
Illinois. Railroad and Warehouse Com		....

	Vols.	Pphs.
Illinois. State Board of Agriculture.	....	1
Illinois. State Board of Equalization	4	....
Illinois. State Board of Health.	1	....
Illinois. State Historical Library	....	1
Illinois. State Library	1	....
Illinois. Supt. of Public Instruction	....	1
Illinois. University	...	5
Indiana. Bureau of Statistics	1	....
Indiana. Horticultural Soc	1	....
Indiana. State Geologist	1	....
Indiana. State Library Board	1	....
Indianapolis, *Ind.* Public Library	....	1
Indianapolis. Public Schools	....	1
Iowa. Adjutant-General		....
Iowa. Bureau of Labor Statistics	2	....
Iowa. Comm'rs of Pharmacy	....	2
Iowa. Geological Survey	1	....
Iowa. Railroad Comm'rs	3	....
Iowa. Sec. of State	4	....
Iowa. State Board of Health	1	....
Iowa. State Library	3	1
Iowa. Treasurer	1	....
Iowa. Masonic Library	....	1
Italy. Dept. of Agriculture	....	3
Jamaica. Agricultural Soc	....	1
James, E. J. Chicago	....	1
Jersey City, *N. Y.* Free Public Library	....	12
John Crerar Library. Chicago	....	1
John Hopkins University. Baltimore	....	3
Judson, F. N. St. Louis	....	1
Kansas. Bureau of Labor and Industry	1	....
Kansas. Sec. of State	2	....
Kansas, State Board of Railroad Comm'rs	1	....
Kansas City, Mo. Public Schools	....	2
Karst, E. St. Louis	....	4
Kaviratna, A. C. Calcutta, *India*	...	1
Keeler, B. C. St. Louis	....	1
Keeley, *Dr.* L. E. Dwight, *Ill*	....	9
Keidel, G. C. Baltimore	....	1
Kennon, *Lieut.* L. W. V. U. S. Army	....	1
Kentucky. Railroad Comm'rs	2	....
Kershaw, J. M. St. Louis	....	2
Keyser, C. S. Philadelphia	....	1
Knost, Miss L. St. Louis	4	...
Knox County Historical Soc. Maine	....	6
Lancaster, *Mass.* Public Library	....	6
Lee, F. G. Oxford, *Eng*	1	....
Leeds, *Eng.* Free Public Library	....	1
Leffingwell, A. Cambridge, *Mass.*	....	1
Lehigh University. South Bethlehem, *Pa*	....	1
Leland Stanford Junior University. Palo Alto, *Cal*	....	6
Lippman, M. J. St. Louis	4	....
Liverpool, *Eng.* Public Libraries	....	1
London, *Eng.* West Ham Public Libraries	1	1
London, *Eng.* London School of Economics and Political Science	....	1
Los Angeles, *Cal.* Public Library	....	1
Louisiana. Dept. of Education	1	....
Louisville, *Ky.* Public Schools	1	....
Lowell, *Mass.* City Library	....	5
Lynn, *Mass.* Public Library.	....	1
Lyons, J. S. St. Louis	1	....
McAnally, D. R. St. Louis.	25	....
McGill University Library. Montreal, *Can.*	....	1
McKee, J. D. St. Louis	10	....
Maine. Agriculture Dept	8	....
Maine. Bureau of Industry and Labor Statistics	1	....
Manchester, *Eng.* Public Free Libraries	....	1
Manchester, *N. H.* City Library	....	1
Manitoba Historical and Scientific Soc	....	20
Maryland. Bureau of Industrial Statistics	1	3
Maryland Governor	....	1
Maryland. Inspector of Mines	...	1
Maryland. Insurance Comm'r	1	....
Maryland. Land office	....	1
Maryland. State Board of Health	..	2
Maryland. Treausury Dept	1	.
Massachusetts. Auditor	1	..
Massachusetts. Board of Education	1	....
Massachusetts. Bureau of Statistics of Labor	2	....
Massachusetts. Comm'rs of Prisons	1	.
Massachusetts. Comm'rs of Public Records	....	1
Massachusetts. Comm'rs of Savings Banks	6	....
Massachusetts. Eye and Ear Infirmary	....	2
Massachusetts. Inland Fisheries and Game	....	1
Massachusetts. Institute of Technology	....	5
Massachusetts. Insurance Commissioner	2	....
Massachusetts. Railroad Commissioners	1	....
Massachusetts. Registration Dept	1	....
Massachusetts. Sec. of the Commonwealth	2	20
Massachusetts. State Board of Agriculture	1	....
Massachusetts. State Board of Arbitration	1	....
Massachusetts. State Board of Lunacy and Charity	1	....
Massachusetts. State Library	33	...
Massachusetts. Treasurer and Receiver-General	....	2
Massachusetts. Mass. Assoc. of Working Girls' Clubs	....	10
Mekeel, C. H. St. Louis	....	11
Melville, H. N. Y	1	....
Meriwether, L. St. Louis	....	5
Michigan. Auditor General.	3	....
Michigan. Bureau of Labor and Industrial Statistics	3	....
Michigan. Commission of Insurance	5	....
Michigan. Comm'r of Railroads.	1	....
Michigan. Horticultural Society.	2	....
Michigan. State Board of Agriculture	3	....
Michigan. State Board of Corrections and Charities	1	....
Michigan. State Board of Health.	1	....
Michigan. State Librarian	1	...
Michigan. Supt. of Public Instruction	1	....
Michigan. University	....	1
Milwaukee, *Wis.* Board of Public Works	....	1
Milwaukee, *Wis.* Chief of Police.	....	2
Milwaukee, *Wis* Public Library.	....	17
Minneapolis, *Minn.* Board of Education	....	1
Minneapolis, *Minn.* Public Library	....	5
Minnesota. Bureau of Labor	1	5
Minnesota. Railroad and Warehouse Com	3	....
Minnesota. Sec. of State	5	....

	Vols.	Pphs.
Minnesota. State Board of Corrections and Charities	...	2
Mississippi. Sec. of State	4	....
Missouri. Auditor	1	....
Missouri. Botanical Garden	1	4
Missouri. Bureau of Labor Statistics	1	....
Missouri. Geological Survey	3	3
Missouri. Missouri Historical Soc	....	2
Missouri. Railroad and Warehouse Comm'rs	7	....
Missouri. Register of Lands	....	4
Missouri. School for the Blind	....	1
Missouri. Sec. of State	2	8
Missouri. State Board of Equalization	3	....
Missouri. State Horticultural Soc	9	....
Missouri. State Industrial School for Girls	....	6
Missouri. State Lunatic Asylum. No. 2	....	8
Missouri. State Lunatic Asylum No. 3	....	4
Missouri. State Mine Inspector.	1	....
Missouri. State Teachers' Assoc.	....	1
Missouri. State Treasurer	1	1
Missouri. Supt. of Insurance Dept	1	....
Missouri. University	...	27
Missouri. Grand Chapter of Royal Arch Masons	1	....
Missouri. Society of the Sons of the Revolution. Bethany	....	1
Mitchell, I. G. St. Louis	8	20
Montana. Bureau of Agriculture, Labor and Industry	4	....
Montana. State Boiler Inspector	...	3
Montclair, *N. J.* Free Public Library	....	1
Montgomery, Ward & Co. Chicago	....	1
Munson, M. A. New Haven, *Conn*	....	1
Murphy, J. & Co. Baltimore	....	1
Murray, D. Glasgow, *Scot*	1	....
National Civil-Service Reform League. N. Y	....	5
National Conference of Charities and Correction	....	1
National Democratic Committee.	1	1
National Divorce Reform League	....	19
National Electric Light Assoc. N. Y	1	....
National Prison Assoc. Allegheny City	4	....
Nebraska. Bureau of Labor and Industrial Statistics	1	....
New Bedford, *Mass.* Free Public Library	....	11
New Church Temperance Soc. London	....	5
New Hampshire. Adjutant General	3	....
New Hampshire. Asylum for the Insane	2	1
New Hampshire. Board of Agriculture	....	1
New Hampshire. Board of Library Commr's	...	1
New Hampshire. Railroad Commissioners	3	....
New Hampshire. State Library	7	2
New Haven, *Conn.* Free Public Library	....	13
New Jersey. Board of Agriculture	1	....
New Jersey. Bureau of Statistics of Labor	2	....
New Jersey. Geological Survey	3	2
New London, *Conn.* Public Library	....	12

	Vols.	Pphs.
New South Wales. Public Library	....	1
New York (City). Civil Service.	....	5
New York (City). Mission Soc.	....	1
New York (City). Comptroller	1	....
New York (City). Free Circulating Library	....	2
New York (City). Public Library	....	4
New York (City). Supt. of Schools	....	8
New York (City). University	....	1
New York (City). Woman's Hospital	....	2
New York (City). All Soul's Protestant Episcopal Church	....	1
New York (City). Charity Organization Soc	....	13
New York (City). College Settlement Assoc	....	7
New York (City). Cooper Union	....	10
New York (City). East Side House	....	8
New York (City). General Soc. Mechanics and Tradesmen. Free Library	....	4
New York (City). Mercantile Library	....	2
New York (City). St. Bartholomew's Church	....	1
New York (City). St. John's Guild	....	1
New York (*State*). Bureau of Statistics of Labor	5	....
New York (State). Game and Forestry Com	1	....
New York (State). Library	63	3
New York (State). Reformatory	....	3
New York (State). Regents of the University	2	9
New York (State). State Reservation at Niagara	....	2
New York (State). State Charities Aid Asso	1	68
New York (State). State Engineer and Surveyor	11	1
New York (State). State Supt. of Public Instruction	6	...
New York (State). Supt. of Insurance	1	....
New York Farmers	....	1
Newark, *N. J.* Board of Education	....	1
Newark, *N. J.* Free Public Library	....	10
Newberry's Library. Chicago	....	1
Newburgh, *N. Y.* Board of Education	....	1
Nipher, F. E. Iowa City	....	1
North Adams, *Mass.* Public Library	....	2
North Carolina. Bureau of Labor Statistics	5	1
North Carolina. Supt. of Public Instruction	4	2
North Dakota. Attorney General	....	1
North Dakota. Auditor	....	1
North Dakota. Commission of Agriculture and Labor	3	....
North Dakota School for the Deaf	....	1
North Dakota. State Board of Agriculture	....	4
North Dakota. Treasurer.	2	....
North Dakota. University	....	1
Northwestern University. Chicago	....	1
Oberlin College. Oberlin, *O.*	....	1
Ockerson, J. A. St. Louis	....	1
Ohio. Agricultural Experiment Station	....	44
Ohio. Attorney General	....	1
Ohio. Board of Public Works	....	3
Ohio. Building and Loan Assoc.	2	...

	Vols.	Pphs.
Ohio. Bureau of Labor Statistics	2	1
Ohio. Chief Inspector of Mines.	....	2
Ohio. Comm'r. of Common Schools	1	....
Ohio. Dept. of Inspector of Workshops and Factories	1	....
Ohio. Insurance Dept	3	....
Ohio. Sec. of State	1	...
Ohio. State Library	1	1
Oliver, E. H. Webster Groves, *Mo*	....	2
Olympic Theatre. St. Louis	1	....
Omaha, *Neb.* Board of Education	....	
Osterhout Free Library. Wilkes-Barre, *Pa*	1	12
Ostertag, *Dr.* A. St. Louis	26	....
Otis Library. Norwich, *Conn*	....	11
Paris, France. Cercle de la librairie	....	3
Parsons, J. R. Chicago	1	....
Paterson, *N. J.* Free Public Library	....	5
Pawtucket, *R. I.* Free Public Library	....	1
Peabody Institute. Baltimore	....	1
Peabody Institute. Peabody, *Mass*	....	1
Pennsylvania. Bureau of Industrial Statistics	1	....
Pennsylvania. Com. of Soldier's Orphan Schools	1	....
Pennsylvania. Sec. of Internal Affairs	4	....
Pennsylvania. State Board of Agriculture	2	....
Pennsylvania. State College	2	....
Pennsylvania. State Library	23	3
Pennsylvania. Supt. of Public Instruction	1	1
Pennsylvania. University of Penn	....	2
Pennsylvania. Penn. College of Dental Surgery	....	1
Pennsylvania. Sound Money League of Pennsylvania	....	58
Pentland, Y. J. London	....	1
Peoria, Ill. Public Library	....	2
Perkins Institution for the Blind. Boston	....	1
Philadelphia, Pa. Academy of Natural Sciences	....	1
Philadelphia, Pa. Apprentices Library Co	....	1
Philadelphia, Pa. Board of Public Education	12	8
Philadelphia, Pa. Bureau of Charities	1	....
Philadelphia, Pa. Bureau of Nationalist Literature	....	9
Philadelphia, Pa. College of Pharmacy	....	1
Philadelphia, Pa. Free Library	....	1
Philadelphia, Pa. Indian Rights Assoc	....	9
Philadelphia, Pa. Library Company	....	1
Philadelphia, Pa. Mercantile Library	....	6
Philadelphia, Pa St. Mary's St. College Settlement	....	4
Philadelphia, Pa. Yearly Meeting of Friends	....	3
Phillips, W. J. Springfield, *Mo.*	....	2
Pittsburg, *Pa.* Board of Education	....	1
Pittsburg, *Pa.* Pittsburg Assoc. for Improvement of the Poor	....	10
Plymouth, *Eng.* Free Public Library	....	1
Polytechnic Society. Kentucky	....	3
Portland, *Oreg.* Library Association	...	5

	Vols.	Pphs.
Portsmouth, *Eng.* Public Libraries	....	1
Poughkeepsie, *N. Y.* City Library	....	1
Preetorius, E. L. St. Louis	....	3
Present Problems Publishing Co. N. Y	....	15
Preston, S. H. London	1	....
Princeton College. Princeton, *N. J*	1	1
Protective Order of American Farmers and Producers	....	1
Providence Athenaeum, *R. I.*	....	5
Pratt Institute Free Library. Brooklyn, *N. Y.*	....	4
Quincy, *Ill.* Public Library	....	1
Redwood Library. Newport, *R I.*	....	1
Reynolds Library. Rochester, *N. Y.*	....	1
Rhode Island. Bureau of Industrial Statistics	6	...
Rhode Island. Railroad Commissioners	2	....
Richter, *Mrs.* F. St. Louis	....	1
Ross, E. A. Stanford Univ., *Cal.*	....	1
Roy, S. B. Calcutta, *India*	....	2
St. Ignatius College. San Francisco, *Cal*	....	1
St. John Free Public Library. New Brunswick, *Can*	....	1
St. Joseph, *Mo.* Free Public Library	....	2
St. Louis, *Mo.* City Auditor	2	....
St. Louis, *Mo.* City Lighting Dept	....	2
St. Louis, *Mo.* City Register	1	....
St. Louis, *Mo.* Health Dept	3	17
St. Louis, *Mo.* Park Comm'rs	1	....
St. Louis, *Mo.* Public Schools	3	2
St. Louis, *Mo.* Sewer Com'r	....	1
St. Louis, *Mo.* Academy of Science	....	6
St. Louis. *Mo.* Aged and Infirm Israelites	....	1
St. Louis, *Mo.* Froebel Society	8	....
St. Louis, *Mo.* Liberty Non-Sectarian Mission	....	9
St. Louis, *Mo.* Mercantile Library	....	1
St. Louis, *Mo.* Merchant's Exchange	1	....
St. Louis, *Mo.* New England Soc.	....	1
St. Louis, *Mo.* St. Louis Children's Hospital	....	2
St. Louis, *Mo.* St. Louis Commercial Club	12	13
St. Louis, *Mo.* St. Louis Courier of Medicine	1	....
St. Louis, *Mo.* St. Louis Post-Dispatch	21	77
St. Louis, *Mo.* St. Louis Provident Assoc	....	1
St. Louis, *Mo.* St. Louis Socialist labor party	....	2
St. Louis, *Mo.* St. Louis Society of Pedagogy	....	1
St. Louis, *Mo.* St. Louis Spanish Club	....	1
St. Louis, *Mo.* St. Louis Training School for Nurses	...	1
St. Louis, Mo. St. Louis University	....	29
St. Louis, *Mo.* St. Louis University Club	....	1
St. Louis, *Mo.* St. Louis Wednesday Club	.. .	1
St. Paul, *Minn.* Public Library	....	1
Salem, *Mass.* Public Library	....	14
Salvisberg, *Dr.* P. von. Munich	....	1
San Francisco, *Cal.* Board of Supervisors	1	....
San Francisco, *Cal.* Free Public Library	23	17

	Vols.	Pphs.
San Francisco, *Cal.* Mechanics' Institute	....	1
San Francisco, *Cal.* Mercantile Library Assoc	....	1
Schuyler, Wm. St. Louis	....	1
Scranton, *Pa.* Public Library	....	4
Scribner's Sons, C. N. Y	....	3
Seattle, *Wash.* Seattle Library Commission	....	2
Sioux City, *Ia.* Public Library	....	1
Smith, H. W. St. Louis	....	5
Smith College. Northampton, *Mass*	....	12
Smithsonian Institution. Washington, *D. C.*	7	32
Society for Study of Child-Nature. N. Y	....	1
Somerville, *Mass.* Public Library	....	2
Southern Carolina. Adjutant and Impector General	....	1
South Carolina. Agricultural Experiment Station	....	1
South Carolina. Comptroller General	....	1
South Carolina. Military Academy	....	1
South Carolina. South Carolina College	....	1
South Dakota. Schools and Public Lands	2	1
South Dakota. Sec. of State	....	3
South Dakota. Treasurer	1	1
Springfield, *Mass.* City Library Asso.	14	....
Springfield, *O.* Public Library	...	1
Standard Theatre. St. Louis	1	....
Stechert, G. E. N. Y	2	....
Stevens, B. F. London	....	3
Stone, *Mrs.* C. H. St. Louis	....	4
Sydney, *Aus.* Minister of Public Instruction	....	1
Syracuse, *N. Y.* Syracuse Central Library	....	1
Taunton, *Mass.* Public Library	...	1
Taussig, *Mrs.* B. St. Louis	....	12
Taussig, W. St. Louis	....	2
Tennessee. Bureau of Labor Statistics and Mines	....	4
Texas. Agricultural and Mechanical College	..	1
Texas. Comptroller of Accounts	2	8
Texas. Sec. of State	1	....
Thomas, W. L. St. Louis	1	....
Thompson, A. M. London	..	1
Thompson, N. D., Publishing Co. St. Louis	2	....
Tiffany, J. St. Louis	....	2
Tokyo Library. Japan	....	2
Toronto, *Can.* Public Library	....	1
Trenton, *N. J.* Public Instruction	....	1
Trinity College. Hartford, *Conn.*	....	1
Tulane University of Louisiana. New Orleans	....	2
U. S. Civil Service Commission	....	3
U. S. Commission of Fish and Fisheries	4	1
U. S. Commissioner of Railroads	3	1
U. S. Dept. of Agriculture	3	216
U. S. Dept. of Education	12	184
U. S. Dept. of Interior	14	87
U. S. Dept. of Justice	1	....
U. S. Dept. of Labor	23	10
U. S. Dept. of State	10	21
U. S. District of Columbia	1	....
U. S. Division of Publications	....	12
U. S. Interstate Commerce Commission	1	4
U. S. Life Saving Service	1	....
U. S. Military Academy	....	1
U. S. Naval Observatory	2	2
U. S. Navy Dept	1	6
U. S. Post Office Dept.	3	13
U. S. Senate	....	2
U. S. Supt. of Documents	111	159
U. S. Treasury Dept.	19	79
U. S. War Dept	11	14
Uruguay. Bur. d'Echanges Internationaux de Publications	....	1
Uruguay. Consul General	1	1
Utah. Bureau of Statistics	....	1
Vermont. Agricultural Experiment Station	....	10
Vermont. Comm'r of State Taxes	....	1
Vermont. Dairyman's Assoc	....	2
Vermont. Comm'rs of Fisheries	....	1
Vermont. High Commission	....	1
Vermont. Inspector of Finance.	2	..
Vermont. Library Comm'rs	....	1
Vermont. Railroad Comm'rs	1	....
Vermont. Sec. of State	4	....
Vermont. Soldiers' Home	....	3
Vermont. State Board of Agriculture	1	..
Vermont. State Library	14	19
Virginia. University	....	1
Wagner, *Miss* S. St. Louis.	....	3
Waltham, *Mass.* Public Library.	...	8
Walker, A. H. Hartford, *Conn.*	1	....
Warren County Library. Monmouth, *Ill*	....	3
Washington, *D. C.* City Free Library	....	1
Washington. Bur. of Statistics	....	2
Washington and Lee University	....	1
Washington University. St. Louis	....	2
Weeks, J. D. Pittsburg, *Pa.*	....	8
Wellesley College. Wellesley, *Mass.*	....	1
Wells Memorial Institute. Boston, *Mass.*	....	6
Wesleyan University. Middleton, *Conn.*	....	3
West Virginia. Comm'rs of Labor	1	....
Westliche Post. St. Louis	....	60
Wheless, J. St. Louis	....	1
White, J. St. Louis	....	1
Wigan Public Library. Wigan, *Eng*	....	1
Wilcox, *Mrs.* H. T., M. D. St. Louis	20	46
Wilmington Institute. Wilmington, *Del.*	....	2
Wilson, G. Lexington, *Mo*	1	....
Winchell Academy. Evanston, *Ill.*	....	1
Wisconsin. Comm'rs of Fisheries	....	1
Wisconsin. Dairy and Food Comm'r	....	1
Wisconsin. Governor	3	....
Wisconsin. Labor, Census and Industrial Statistics	2	....
Wisconsin. Railroad Comm'rs	1	....
Wisconsin. Sec. of State	1	....
Wisconsin. State Agricultural Soc	....	1
Wisconsin. State Board of Health	1	....
Wisconsin. State Library Commission	1	....
Wisconsin. University	....	3
Woburn. *Mass.* Public Library	....	1
Wolff, *Mrs.* M. A	....	1
Woods, H. F. St. Louis	....	2
Worcester, *Mass.* Free Public Library	1	15
Wyman, W. Washington, *D. C.*	....	2
Wyoming. State Auditor	....	1
Yale University. New Haven, *Conn*	....	4

	Vols.	Pphs.
Young Men's Christian Assoc. Missouri		9
Young Men's Christian Assoc. New York		1
Young Men's Christian Assoc. North America		2
Young Men's Christian Assoc. St. Louis		1

MEDICAL PERIODICALS.

Ft. Wayne, *Ind.* Ft. Wayne Medical Magazine ....Monthly
Paris, *France.* Clinique Opthalmologique ....Monthly
St. Louis. Clinque ....Monthly
St. Louis. Medical Brief........Monthly
St. Louis. Medical Fortnightly....Semi-Mo.
St. Louis. Medical Mirror........Monthly
St. Louis. Meyer Brothers Druggist ....Monthly

NEWSPAPERS.

Algiers, *La.* Algiers Herald. ....Weekly
Chicago, *Ill.* Evening Lamp........Weekly
Chicago, *Ill.* Nederlander..........Weekly
Cincinnati, *O.* Light of Truth......Weekly
Cleveland, *O.* Cleveland Citizen...Weekly
East St. Louis, *Ill.* Daily Democrat ..Daily
East St. Louis, *Ill.* East St. Louis Gazette ....Daily
East St. Louis, *Ill.* East St. Louis Journal........Daily
Ft. Madison, *Ia.* Ft. Madison Democrat ....Weekly
Grand Junction, *Col.* Daily Sentinel .Daily
Kansas City, *Mo.* Kansas City Times, Semi Weekly
Lebanon, *Ill.* Lebanon Journal.....Weekly
Melbourne, *Aus.* Australasian......Weekly
Milwaukee, *Wis.* Kuryer Polski .....Daily
Minneapolis, *Minn.* National Single Taxer ....Weekly
New Orleans, *La.* N. O. Daily City Item ....Daily
New York (*City*). Dolgeville Herald.Weekly
St. Louis, *Mo.* Amerika........Daily
St. Louis, *Mo.* Anzeiger des Westens.Daily
St. Louis, *Mo.* Church Progress and Catholic World........Weekly
St. Louis, *Mo.* Coleman's Rural World ....Weekly
St. Louis, *Mo.* Dos Naciones........Weekly
St. Louis, *Mo.* Globe-Democrat.......Daily
St. Louis, *Mo.* Jewish Voice........Weekly
St. Louis, *Mo.* St. Louis Chronicle....Daily
St. Louis, *Mo.* St. Louis Labor......Weekly
St. Louis, *Mo.* St. Louis Post-Dispatch........Daily
St. Louis, *Mo.* St. Louis Republic ...Daily
St. Louis, *Mo.* St. Louis Star-Sayings........Daily
St. Louis, *Mo.* St. Louis Tageblatt....Daily
St. Louis, *Mo.* St. Louis Tribune......Daily
St. Louis, *Mo.* St. Louis Westliche Post........Daily
St. Louis, *Mo.* Western Watchman ....Weekly
Superior, *Wis.* Superior Leader .....Daily
Sydney, *Aus.* Sydney Morning Herald........Daily

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GENERAL PERIODICALS.

Albion, *N. Y.* Museum............Monthly
Anaconda, *Col.* Anaconda Assayer..Weekly
Anaheim, *Cal.* Osteopath ....Monthly
Baltimore, *Md.* Tablet ....Monthly
Battle Creek, *Mich.* Advent Review & Herald........Weekly
Battle Creek, *Mich.* Youth's Instructor........Weekly
Battles, *Ala.* Fairhope Courier....Monthly
Berkeley. *Cal.* Western National..Weekly
Berlin, *Ger.* Hochschul-Nachrichten ....Monthly
Boston, *Mass.* Advocate of Peace..Monthly
Boston, *Mass.* Christian Register...Weekly
Boston, *Mass.* Christian Science Journal........Monthly
Boston, *Mass.* Employer and Employed. ....Quarterly
Boston, *Mass.* L. A. W. Bulletin & Good Roads ....Weekly
Boston, *Mass.* New Church Review ....Quarterly
Cambridge. *Mass.* Reader...Semi-Monthly
Chicago, *Ill.* Advertising Experience ....Weekly
Chicago, *Ill* American Fruit Growers' Union ....Weekly
Chicago, *Ill.* American Jewess....Monthly
Chicago, *Ill.* American Soap Journal ....Monthly
Chicago, *Ill.* Bearings ....Weekly
Chicago, *Ill.* Chicago Commons...Monthly
Chicago, *Ill.* Chicago Household Guest ....Monthly
Chicago, *Ill.* Chicago Upholstery Journal. ....Monthly
Chicago, *Ill.* Chicago Vegetarian..Monthly
Chicago, *Ill.* Christian Endeavorer.Monthly
Chicago, *Ill.* Elite........Weekly
Chicago, *Ill.* Everybody's Journal.Monthly
Chicago, *Ill.* Office Men's Record.Quarterly
Chicago, *Ill.* Phrenological News..Monthly
Chicago, *Ill.* Planets and People..Monthly
Chicago, *Ill.* Public Official...... .Monthly
Chicago, *Ill.* Railway Review......Weekly
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Chicago, *Ill.* Sportsmen's Review .Weekly
Chicago, *Ill.* Stationary Engineer.Monthly
Chicago, *Ill.* Stationer & Printer, Semi-Monthly
Chicago, *Ill.* Teacher & Student...Monthly
Chicago, *Ill.* Timberman ....Monthly
Chicago, *Ill.* Union Signal..........Weekly
Buffalo, *N. Y.* American Investments ....Monthly
Buffalo, *N. Y.* Municipality & County ....Monthly
Charlottesville, *Va.* Alumni Bulletin of University of Virginia..Monthly
Cincinnati, *O.* Common Cause......Weekly
Cincinnati, *O.* Furniture Worker..Weekly
Columbia, *Mo.* Missouri State Agric. Bulletin........Irregular
Columbus, *O.* Occult Science....Quarrerly
Concord, *N. H.* Journal of Speculative Philosophy ....Irregular
Dallas, *Tex.* Texas Farm and Ranch ....Weekly
Denver, *Col.* Mining Industry......Weekly
Denver, *Col.* Ores & Metals ....Monthly
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Des Moines, *Ia.* Equity .... Semi-Monthly
Detroit, *Mich.* Pernin's Stenographer ....Monthly

Eddy, N. M. Pecos Valley Argus...Weekly
Edwardsville, *Ill.* Leclaire News...Monthly
Elgin, *Ill.* Our Republic...Monthly
Fresno, *Cal.* Interior...Monthly
Hartford, *Conn.* Hartford Seminary Record...Bi-Monthly
Hartford, *Conn.* Locomotive...Monthly
Hartford, *Conn.* Traveler's Record...Monthly
Honolulu. Paradise of the Pacific. Monthly
Hudson, *Mass.* Woman's Home Journal...Monthly
Ithaca, *N. Y.* Cornell University Agricultural Experiment Station Bulletin...Irregular
Kansas City, *Mo.* Grocer's Journal of Commerce...Semi-Monthly
Knoxville, *Tenn.* Tennessee University Magazine...Monthly
Lamoni, *Ia.* Autumn leaves...Monthly
Lewiston, *Idaho.* Lewiston Tribune...Semi-Weekly
Lincoln, *Neb.* Nebraska Independent...Weekly
London, *Eng.* Herald of Peace...Weekly
London, *Eng.* Phonetic Journal...Weekly
London, *Eng.* Pioneer of Wisdom...Monthly
London, *Eng.* Positivist Review...Monthly
Los Angeles, *Cal.* California Cultivator...Monthly
Los Angeles, *Cal.* Investor...Weekly
Los Angeles, *Cal.* Land of Sunshine...Monthly
Madison, *Wis.* Wisconsin Journal of Education...Monthly
Malden, *Mass.* Pigeon Fancy. Semi-Monthly
Milwaukee, *Wis.* Echo Polskie...Weekly
Milwaukee, *Wis.* Erziehungs Blatter...Monthly
Minneapolis, *Minn.* Literary Light. Monthly
Moberly, *Mo.* Silver Statesman...Weekly
Nashville, *Tenn.* Breeder and Horseman...Weekly
New York (*City*). American Druggist...Semi-Monthly
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New York (*City*). American Sentinel...Weekly
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New York (*City*). Delta Kappa Epsilon...Quarterly
New York (*City*). Great Round World...Weekly
New York (*City*). Life and Health...Monthly
New York (*City*). Literary News...Monthly
New York (*City*). National Provisioner...Weekly
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New York (*City*). School...Weekly
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New York (*City*). Street Railway Journal...Monthly
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Oakland, *Cal.* Mechanic's Institute Bulletin...Monthly
Oakland, *Cal.* Saturday Press...Weekly
Oakland, *Cal.* Signs of the Times...Weekly
Paris, *France.* Journal du Droit International Prive...Monthly
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Paris, *France.* Revue des Livres..Semi-Mo.
Philadelphia, *Pa.* American...Weekly
Philadelphia, *Pa.* American Cycling...Weekly
Philadelphia, *Pa.* Book News...Monthly
Philadelphia, *Pa.* City & State...Weekly
Philadelphia, *Pa.* Food, Home & Garden...Weekly
Philadelphia, *Pa.* Griffin's Journal, Monthly
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Philadelphia, *Pa.* New Ideas...Monthly
Philadelphia, *Pa.* Praeco Latinus. Monthly
Portland, *Ore.* Pacific Northwest..Monthly
Portland, *Ore.* World's Advance-Thought...Monthly
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St. Louis, *Mo.* Abendschule...Weekly
St. Louis, *Mo.* Age of Steel...Weekly
St. Louis, *Mo.* Am. Baptist Flag..Weekly
St. Louis, *Mo.* American Law Review...Bi-Monthly
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St. Louis, *Mo.* Bote der Neuen Kirche...Weekly
St. Louis, *Mo.* Building & Trades Journal...Weekly
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St. Louis, *Mo.* Central Law Journal. Weekly
St. Louis, *Mo.* Chaperone...Monthly
St. Louis, *Mo.* Church News...Monthly
St. Louis, *Mo.* Dyer's News Letter..Weekly
St. Louis, *Mo.* Edenic Life...Monthly
St. Louis, *Mo.* Electrical Worker..Monthly
St. Louis, *Mo.* Evening Journal...Daily
St. Louis, *Mo.* Farm Machinery...Weekly
St. Louis, *Mo.* Great Southwest..Monthly
St. Louis, *Mo.* Hesperian...Quarterly
St. Louis, *Mo.* Inland Engineer...Monthly
St. Louis, *Mo.* Interstate Grocer...Weekly
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St. Louis, *Mo.* Pedal...Weekly
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St. Louis, *Mo.* Retriever...Weekly
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St. Louis, *Mo.* St. Louis Critic...Weekly
St. Louis, *Mo.* St. Louis Cycle News. Weekly
St. Louis, *Mo.* St. Louis Humorist..Weekly
St. Louis, *Mo.* St. Louis Lumberman...Monthly
St. Louis, *Mo.* St. Louis Truth...Weekly
St. Louis, *Mo.* St. Louis Wheel...Weekly
St. Louis, *Mo.* Schalk...Weekly
St. Louis, *Mo.* School & Home..Fortnightly
St. Louis, *Mo.* Shoe & Leather Gazette...Weekly
St. Louis, *Mo.* South Side Reporter. Weekly
St. Louis, *Mo.* Spiritual Medium...Weekly
St. Louis, *Mo.* Squib...Weekly
St. Louis, *Mo.* State's Duty...Monthly
St. Louis, *Mo.* Stoves & Hardware Reporter...Weekly
St. Louis, *Mo.* Student Life...Monthly
St. Louis, *Mo.* Town topics...Weekly
St. Louis, *Mo.* War Cry...Weekly
St. Louis, *Mo.* Wizard...Semi-Monthly
St. Louis, *Mo.* Mid-Continent...Weekly
St. Louis, County. Suburban Home Journal...Monthly
Salem, *Mass.* Essex Bulletin...Irregular
Salem, *Mass.* Essex Inst. Historical Collection...Irregular
Salmon, *Idaho.* Lemni Republic...Weekly
Salt Lake City, *Utah.* Our Goat...Monthly
San Francisco, *Cal.* California Architect...Monthly
San Francisco, *Cal.* Mining and Scientific Press...Weekly

San Francisco, *Cal.* Star............Weekly
Stuttgart, *Ger.* Antiquitaten-Zeitung ....Weekly
Sykesville, *Md.* Livesey's Sykesville Reformer.......... ....Monthly
Tennessee City, *Tenn.* Coming Nation ....Weekly
Topeka, *Kan.* Western School Journal........... ....Monthly
Toronto, *Canada.* Canada Educational Monthly...... .. ..Monthly
Toronto, *Canada.* Searchlight... .Monthly
Urbana, *O.* University Courant....Monthly
Urbana, *Ill.* Ill. University Agricultural Station Bulletin....Irregular
Washington, *D. C.* American Federationist.....................Monthly
Washington, *D. C.* Postal Record.Monthly
Washington, *D. C.* U. S. Congressional Records...............
Washington, *D. C.* U. S. Consular Reports.....................Monthly
Washington, *D. C.* U. S. Special Consular Reports...............Irregular
Washington, *D. C.* U. S. Dept. of Agriculture. Insect Life.....Irregular
Washington, *D. C.* U. S. Patent Office. Official Gazette...........Weekly
Washington, *D. C.* U. S. Smithsonian Inst. Bulletins...........
Waterbury, *Conn.* Waterbury Magazine ....Monthly
Wilmington, *Del.* Justice...........Weekly

INDEX.

PAGE.
Auditor Front.
Assessor of Revenue 47
Assessor of Water Rates 73
BOARD OF PUBLIC IMPROVEMENTS —
  President's Report 445
  Assistant President's Report 451
  Secretary's Report 659
  Assessor of Special Taxes 459
  Street Commissioner 493
  Assistant Street Commissioner 516
  General Superintendent Repairs and Cleaning Streets 521
  Water Commissioner 583
  Sewer Commissioner 621
  Park Commissioner 569
  Harbor and Wharf Commissioner 637
  Supervisor City Lighting 467
  Supervisor City Plumbing 485
  Commissioner Public Buildings 565
  Inspectors for Smoke Prevention 487
Comptroller Front.
Coroner 683
Collector of Revenue 51
Commissioner of Supplies 83
Commissioner of Public Charities 679
City Marshal 673
Fire Department 711
Fire and Police Telegraph Department 753
HEALTH DEPARTMENT 87
  Bacteriologist 131
  Health Commissioner and Board of Health 175
  Insane Asylum 235
  City Hospital 230
  Female Hospital 256
  Poor House 261
  Quarantine 264
  Chief Sanitary Officer 209
  Mortality Reports 278
  Dispensary Physician 217
  City Chemist 227
House of Refuge 65
Inspector of Boilers and Elevators 55
Inspector of Weights and Measures 49
Jailer 675
Law Department 35
Message Front.
Milk Inspector 663
Police Courts, 1-2, 3 761
Public School Library 765
Register 11
Treasurer 1
Work House 57

3 0112 043438404